

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: November 15, 2004, 07:59:58 ; Search time 14 Seconds
(without alignments)
3.551 Million cell updates/sec

Title: US-09-964-666-1

Perfect score: 990

Sequence: 1 CACGCTCGGCTTAATTGTGA.....CTCAACTCTGACTCAGG 990

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 0.5

Searched: 1195 segs, 25109 residues

Total number of hits satisfying chosen parameters: 2390

Minimum DB seq length: 10

Maximum DB seq length: 70

Post-processing: Minimum Match 0%

Listing first 1212 summaries

Database : rnpbl.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	57	5.8	57	1	US-10-198-069-30
2	57	5.8	57	1	US-10-198-069-31
3	56.4	5.7	66	1	US-09-764-887-575
4	56.4	5.7	66	1	US-10-073-961-575
5	54.4	5.5	66	1	US-10-457-839-35
6	53.6	5.4	60	1	US-10-457-839-26
7	51	5.2	60	1	US-10-198-069-29
8	50	5.1	61	1	US-10-241-151-2
9	50	5.1	61	1	US-10-733-116-2
10	48.6	4.9	56	1	US-10-457-839-34
11	47.4	4.8	49	1	US-10-457-839-25
12	45.8	4.6	51	1	US-09-922-325A-59
13	43.6	4.4	50	1	US-10-457-839-33
14	42.6	4.3	51	1	US-09-922-325A-20
15	42.4	4.3	44	1	US-10-457-839-24
16	42	4.2	42	1	US-10-198-069-32
17	42	4.2	42	1	US-10-198-069-33
18	42	4.2	42	1	US-10-198-069-34
19	42	4.2	50	1	US-10-131-827-754
20	42	4.2	51	1	US-10-393-815-84
21	41.8	4.2	47	1	US-10-349-143-2999
22	41.6	4.2	48	1	US-10-457-839-5
23	41.4	4.2	51	1	US-10-393-815-32
24	41	4.1	49	1	US-10-457-839-15
25	41	4.1	51	1	US-09-922-325A-61
26	40.4	4.1	42	1	US-10-457-839-3
27	40.4	4.1	50	1	US-10-131-827-7618
28	40.2	4.1	47	1	US-10-349-143-2999
29	39.6	4.0	41	1	US-10-035-833A-382
30	39.6	4.0	41	1	US-10-035-833A-6413
31	39	3.9	39	1	US-10-198-069-46
32	39	3.9	39	1	US-10-198-069-47
33	39	3.9	41	1	US-10-035-833A-1310
34	39	3.9	41	1	US-10-035-833A-7567
35	38.8	3.8	47	1	US-10-349-143-2353
36	38	3.8	47	1	US-10-349-143-1321
37	37.8	3.8	42	1	US-10-457-839-1
38	35.8	3.6	41	1	US-10-035-833A-373
39	35.8	3.6	41	1	US-10-035-833A-907
40	35.8	3.6	41	1	US-10-035-833A-2293
41	35.8	3.6	41	1	US-10-035-833A-6019
42	35.8	3.6	41	1	US-10-035-833A-6523
43	35.8	3.6	41	1	US-10-035-833A-6915
44	35.4	3.6	41	1	US-10-035-833A-3699
45	35.4	3.6	41	1	US-10-035-833A-6495
46	34.8	3.5	41	1	US-10-035-833A-1335
47	34.8	3.5	41	1	US-10-035-833A-7543
48	34.6	3.5	41	1	US-10-453-827-60
49	34.6	3.5	41	1	US-10-453-827-62
50	34.6	3.5	41	1	US-10-453-827-207
51	34.2	3.5	41	1	US-10-035-833A-344
52	34.2	3.5	41	1	US-10-035-833A-742
53	34.2	3.5	41	1	US-10-035-833A-6013
54	34.2	3.5	41	1	US-10-035-833A-346
55	34.2	3.5	41	1	US-10-035-833A-6333
56	34.2	3.5	41	1	US-10-035-833A-6497
57	33.8	3.4	41	1	US-10-035-833A-6496
58	33.6	3.4	41	1	US-10-453-827-59
59	33	3.3	33	1	US-10-198-069-36
60	33	3.3	41	1	US-10-453-827-208
61	33	3.3	41	1	US-10-453-827-209
62	33	3.3	41	1	US-10-035-833A-764
63	33	3.3	41	1	US-10-035-833A-6355
64	32.8	3.3	41	1	US-10-035-833A-2394
65	32.8	3.3	41	1	US-10-035-833A-3700
66	32	3.2	40	1	US-10-035-833A-5315
67	30.4	3.1	32	1	US-10-091-281-359
68	30	3.0	30	1	US-09-964-666-9
69	30	3.0	30	1	US-09-964-666-11
70	30	3.0	30	1	US-09-964-412-9
71	30	3.0	30	1	US-09-964-412-11
72	30	3.0	30	1	US-09-964-667-9
73	30	3.0	30	1	US-09-964-667-11
74	30	3.0	30	1	US-09-964-678A-9
75	30	3.0	30	1	US-09-964-678A-11
76	30	3.0	30	1	US-10-198-069-37
77	29.4	3.0	32	1	US-10-091-281-140
78	27.6	2.8	29	1	US-10-336-638-859
79	27.4	2.8	32	1	US-10-091-281-317
80	27.2	2.7	33	1	US-09-764-891-9495
81	27.2	2.7	33	1	US-10-091-414-338
82	27	2.7	27	1	US-10-198-069-35
83	27	2.7	27	1	US-10-336-638-196
84	27	2.7	29	1	US-10-336-638-503
85	27	2.7	29	1	US-10-336-638-571
86	27	2.7	29	1	US-10-336-638-705
87	27	2.7	29	1	US-10-336-638-705
88	27	2.7	29	1	US-10-336-638-706
89	26.8	2.7	32	1	US-09-764-887-551
90	26.8	2.7	32	1	US-10-073-961-551
91	26	2.6	26	1	US-09-964-666-10
92	26	2.6	26	1	US-09-964-667-10
93	26	2.6	26	1	US-09-964-667-10
94	26	2.6	26	1	US-09-964-667-10
95	26	2.6	26	1	US-09-964-667-10
96	26	2.6	26	1	US-09-964-667-10
97	26	2.6	26	1	US-09-964-667-10
98	25.8	2.6	32	1	US-10-085-906-89
99	25.8	2.6	32	1	US-10-085-906-89
100	25.4	2.6	29	1	US-10-336-638-184
101	25.4	2.6	29	1	US-10-336-638-195
102	25.4	2.6	29	1	US-10-336-638-217
103	25.4	2.6	29	1	US-10-336-638-265
104	25.4	2.6	29	1	US-10-336-638-699
105	25.4	2.6	29	1	US-10-336-638-712
106	25.4	2.6	29	1	US-10-336-638-845

107	25.2	2.5	30	1	US-10-085-906-77	Sequence 77, Appl	180	20	2.0	20	1	US-10-002-623-900	Sequence 900, App
108	25	2.5	25	1	US-09-837-149-4	Sequence 4, Appl	181	20	2.0	20	1	US-10-289-845-13	Sequence 13, Appl
109	25	2.5	25	1	US-09-992-665-19	Sequence 179, App	182	20	2.0	20	1	US-10-331-907-78	Sequence 78, Appl
110	24.6	2.5	25	1	US-10-336-638-185	Sequence 185, App	183	20	2.0	20	1	US-10-430-196-25	Sequence 25, Appl
111	24.4	2.5	26	1	US-10-085-906-144	Sequence 144, App	184	20	2.0	20	1	US-10-005-344-242	Sequence 242, App
112	24.4	2.5	29	1	US-10-336-638-194	Sequence 194, App	185	20	2.0	20	1	US-10-005-344-266	Sequence 266, App
113	24.4	2.5	29	1	US-10-336-638-200	Sequence 200, App	186	20	2.0	20	1	US-10-005-344-267	Sequence 267, App
114	24.4	2.5	29	1	US-10-336-638-514	Sequence 514, App	187	20	2.0	20	1	US-10-181-875-62	Sequence 62, Appl
115	24.4	2.5	29	1	US-10-336-638-569	Sequence 569, App	188	20	2.0	20	1	US-10-189-267-87	Sequence 87, Appl
116	24.4	2.5	29	1	US-10-336-638-589	Sequence 589, App	189	20	2.0	20	1	US-10-189-267-88	Sequence 88, Appl
117	24.4	2.5	29	1	US-10-336-638-589	Sequence 707, App	190	20	2.0	20	1	US-10-189-267-222	Sequence 222, App
118	24.4	2.5	29	1	US-10-336-638-707	Sequence 707, App	191	20	2.0	20	1	US-10-189-267-223	Sequence 223, App
119	23.8	2.4	29	1	US-10-431-791-5	Sequence 5, Appl	192	20	2.0	20	1	US-10-210-723-78	Sequence 78, Appl
120	23.8	2.4	29	1	US-10-336-638-78	Sequence 78, Appl	193	20	2.0	20	1	US-10-210-723-136	Sequence 136, App
121	23.8	2.4	29	1	US-10-336-638-156	Sequence 156, App	194	20	2.0	20	1	US-10-264-9588-2	Sequence 2, Appl
122	23.8	2.4	29	1	US-10-336-638-507	Sequence 507, App	195	20	2.0	20	1	US-10-343-303-10	Sequence 10, Appl
123	23.8	2.4	29	1	US-10-336-638-686	Sequence 686, App	196	20	2.0	20	1	US-10-633-843-79	Sequence 79, Appl
124	23.8	2.4	29	1	US-10-336-638-702	Sequence 702, App	197	20	2.0	20	1	US-10-633-843-79	Sequence 83, Appl
125	23.8	2.4	29	1	US-10-336-638-860	Sequence 860, App	198	20	2.0	20	1	US-10-648-593-516	Sequence 149, App
126	23.8	2.4	29	1	US-10-336-638-861	Sequence 861, App	199	20	2.0	20	1	US-10-648-593-1145	Sequence 516, App
127	23.4	2.4	25	1	US-09-888-056A-15	Sequence 862, App	200	20	2.0	20	1	US-10-671-395-464	Sequence 464, App
128	23.4	2.4	25	1	US-10-380-584-114	Sequence 15, App	201	20	2.0	20	1	US-10-671-395-581	Sequence 581, App
129	23.4	2.4	25	1	US-10-440-066-18	Sequence 114, App	202	20	2.0	20	1	US-10-671-395-669	Sequence 669, App
130	23.4	2.4	27	1	US-10-198-069-38	Sequence 18, Appl	203	20	2.0	20	1	US-10-671-395-933	Sequence 933, App
131	23.4	2.4	28	1	US-10-336-638-210	Sequence 38, Appl	204	20	2.0	20	1	US-10-671-395-1145	Sequence 1145, App
132	22.8	2.3	26	1	US-10-092-900A-464	Sequence 210, App	205	20	2.0	20	1	US-10-671-395-1268	Sequence 1268, App
133	22.4	2.3	24	1	US-09-964-666-6	Sequence 464, App	206	20	2.0	20	1	US-10-671-395-1347	Sequence 1347, App
134	22.4	2.3	24	1	US-09-964-412-6	Sequence 6, Appl	207	20	2.0	20	1	US-10-671-395-1455	Sequence 1455, App
135	22.4	2.3	24	1	US-09-964-667-6	Sequence 6, Appl	208	20	2.0	20	1	US-10-671-395-1496	Sequence 1496, App
136	22.4	2.3	24	1	US-09-861-925-55	Sequence 55, Appl	209	20	2.0	20	1	US-10-671-395-1740	Sequence 1740, App
137	22.4	2.3	24	1	US-09-964-678A-6	Sequence 6, Appl	210	20	2.0	20	1	US-10-786-720-13918	Sequence 13918, App
138	22.4	2.3	24	1	US-10-323-463-12	Sequence 12, Appl	211	20	2.0	20	1	US-10-786-720-13935	Sequence 13935, App
139	22.4	2.3	24	1	US-10-233-032A-55	Sequence 55, Appl	212	20	2.0	20	1	US-10-786-720-14251	Sequence 14251, App
140	22.4	2.3	24	1	US-10-743-377-14	Sequence 14, Appl	213	20	2.0	20	1	US-10-786-720-20455	Sequence 20455, App
141	22	2.2	22	1	US-09-242-772-2	Sequence 2, Appl	214	20	2.0	20	1	US-09-784-423-36	Sequence 86, Appl
142	22	2.2	22	1	US-09-964-412-5	Sequence 5, Appl	215	20	2.0	20	1	US-09-770-107-63	Sequence 93, Appl
143	22	2.2	22	1	US-09-964-666-5	Sequence 5, Appl	216	19.8	2.0	20	1	US-10-255-434-6	Sequence 6, Appl
144	22	2.2	22	1	US-09-964-667-5	Sequence 5, Appl	217	19.4	2.0	20	1	US-10-255-434-11	Sequence 11, Appl
145	22	2.2	22	1	US-09-964-678A-5	Sequence 5, Appl	218	19.4	2.0	20	1	US-10-255-434-18	Sequence 18, Appl
146	22	2.2	22	1	US-10-198-069-39	Sequence 39, Appl	219	19.4	2.0	20	1	US-10-255-434-23	Sequence 23, Appl
147	22	2.2	23	1	US-10-085-906-524	Sequence 524, App	220	19.4	2.0	20	1	US-10-255-434-25	Sequence 25, Appl
148	21.4	2.2	23	1	US-10-374-077-30	Sequence 30, Appl	221	19.4	2.0	20	1	US-10-165-099-264	Sequence 264, App
149	21.4	2.2	24	1	US-09-850-514-37	Sequence 37, Appl	222	19.4	2.0	20	1	US-10-091-281-241	Sequence 241, App
150	21.2	2.1	26	1	US-09-939-853A-111	Sequence 111, App	223	19.4	2.0	20	1	US-10-126-103-235	Sequence 235, App
151	21.2	2.1	26	1	US-10-457-839-30	Sequence 30, Appl	224	19.4	2.0	20	1	US-10-431-096-235	Sequence 235, App
152	21	2.1	21	1	US-10-722-689A-18	Sequence 18, Appl	225	19.4	2.0	20	1	US-10-786-720-13252	Sequence 13252, App
153	21	2.1	21	1	US-10-786-720-13920	Sequence 13920, A	226	19.4	2.0	20	1	US-10-786-720-13253	Sequence 13253, App
154	21	2.1	21	1	US-10-786-720-13933	Sequence 13933, A	227	19.4	2.0	20	1	US-10-786-720-13919	Sequence 13919, A
155	21	2.1	21	1	US-10-786-720-20457	Sequence 20457, A	228	19.4	2.0	20	1	US-10-786-720-19978	Sequence 19978, A
156	21	2.1	23	1	US-10-435-696-244	Sequence 244, App	229	19.4	2.0	20	1	US-10-786-720-19980	Sequence 19980, A
157	20.8	2.1	24	1	US-10-196-095-3	Sequence 365, App	230	19.4	2.0	20	1	US-10-786-720-20214	Sequence 20214, A
158	20.8	2.1	24	1	US-10-196-095-3	Sequence 3, Appl	231	19.4	2.0	20	1	US-10-786-720-20230	Sequence 20230, A
159	20.8	2.1	24	1	US-10-196-095-12	Sequence 12, Appl	232	19.4	2.0	20	1	US-10-786-720-20362	Sequence 20362, A
160	20.8	2.1	24	1	US-10-269-021B-9	Sequence 9, Appl	233	19.4	2.0	20	1	US-10-786-720-20368	Sequence 20368, A
161	20.8	2.1	22	1	US-10-269-021B-10	Sequence 10, Appl	234	19.4	2.0	20	1	US-10-786-720-20374	Sequence 20374, A
162	20.4	2.1	22	1	US-10-452-510-275	Sequence 275, App	235	19.4	2.0	20	1	US-10-786-720-20456	Sequence 20456, A
163	20.4	2.1	22	1	US-10-617-334-275	Sequence 275, App	236	19.4	2.0	20	1	US-09-989-420-50	Sequence 50, Appl
164	20.4	2.1	22	1	US-10-655-579-34	Sequence 34, Appl	237	19.4	2.0	20	1	US-10-745-377-199	Sequence 199, App
165	20.4	2.1	22	1	US-10-744-465-275	Sequence 275, App	238	19.4	2.0	20	1	US-09-845-129-10	Sequence 12, Appl
166	20.4	2.1	22	1	US-10-833-679-275	Sequence 275, App	239	19.2	1.9	20	1	US-10-086-161-12	Sequence 12, Appl
167	20.4	2.1	23	1	US-10-010-802-391	Sequence 391, App	240	19.2	1.9	20	1	US-10-086-161-12	Sequence 120, App
168	20.4	2.1	23	1	US-09-752-983-242	Sequence 242, App	241	19.2	1.9	20	1	US-10-091-281-120	Sequence 120, App
169	20	2.0	20	1	US-09-752-983-266	Sequence 266, App	242	19.2	1.9	20	1	US-10-676-154-13	Sequence 13, Appl
170	20	2.0	20	1	US-09-752-983-267	Sequence 267, App	243	19.2	1.9	20	1	US-10-745-377-17	Sequence 17, Appl
171	20	2.0	20	1	US-09-752-983-267	Sequence 267, App	244	19.2	1.9	20	1	US-10-802-061-10	Sequence 10, Appl
172	20	2.0	20	1	US-09-923-517-25	Sequence 25, Appl	245	19.2	1.9	20	1	US-09-752-983-343	Sequence 243, App
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174	20	2.0	20	1	US-10-085-906-302	Sequence 302, App	247	19	1.9	20	1	US-09-898-361-95	Sequence 95, Appl
175	20	2.0	20	1	US-10-251-699-1	Sequence 1, Appl	248	19	1.9	20	1	US-09-933-731-22	Sequence 22, Appl
176	20	2.0	20	1	US-10-002-623-731	Sequence 731, App	249	19	1.9	20	1	US-10-181-177-94	Sequence 94, Appl
177	20	2.0	20	1	US-10-002-623-734	Sequence 734, App	250	19	1.9	20	1	US-10-331-907-286	Sequence 286, App
178	20	2.0	20	1	US-10-002-623-894	Sequence 894, App	251	19	1.9	20	1	US-10-005-344-243	Sequence 243, App
179	20	2.0	20	1	US-10-002-623-897	Sequence 897, App	252	19	1.9	20	1	US-10-005-344-243	Sequence 243, App

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C 254	19	1.9	20	1	US-10-671-395-695	Sequence 695, App	C 327	18.4	1.9	20	1	US-10-671-395-130	Sequence 350, App
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C 257	19	1.9	20	1	US-10-671-395-1371	Sequence 1371, App	C 330	18.4	1.9	20	1	US-10-671-395-652	Sequence 652, App
C 258	19	1.9	20	1	US-10-671-395-1543	Sequence 1543, App	C 331	18.4	1.9	20	1	US-10-671-395-658	Sequence 658, App
C 259	19	1.9	20	1	US-10-671-395-1544	Sequence 1544, App	C 332	18.4	1.9	20	1	US-10-671-395-838	Sequence 838, App
C 260	19	1.9	21	1	US-10-786-720-13909	Sequence 13909, A	C 333	18.4	1.9	20	1	US-10-671-395-873	Sequence 873, App
C 261	19	1.9	21	1	US-10-786-720-13934	Sequence 13934, A	C 334	18.4	1.9	20	1	US-10-671-395-1225	Sequence 1225, App
C 262	19	1.9	21	1	US-10-786-720-14253	Sequence 14253, A	C 335	18.4	1.9	20	1	US-10-671-395-1282	Sequence 1282, App
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C 265	18.8	1.9	22	1	US-09-918-686-90	Sequence 90, App1	C 338	18.4	1.9	20	1	US-10-671-395-1390	Sequence 1390, App
C 266	18.8	1.9	22	1	US-09-918-686-94	Sequence 94, App1	C 339	18.4	1.9	20	1	US-10-671-395-1391	Sequence 1391, App
C 267	18.8	1.9	22	1	US-10-353-150-90	Sequence 90, App1	C 340	18.4	1.9	20	1	US-10-671-395-1417	Sequence 1417, App
C 268	18.8	1.9	22	1	US-10-353-150-94	Sequence 94, App1	C 341	18.4	1.9	20	1	US-10-671-395-1432	Sequence 1432, App
C 269	18.8	1.9	22	1	US-10-452-510-274	Sequence 274, App	C 342	18.4	1.9	20	1	US-10-671-395-1438	Sequence 1438, App
C 270	18.8	1.9	22	1	US-10-374-077-11	Sequence 11, App1	C 343	18.4	1.9	20	1	US-10-671-395-1448	Sequence 1448, App
C 271	18.8	1.9	22	1	US-10-617-334-274	Sequence 274, App	C 344	18.4	1.9	20	1	US-10-671-395-1453	Sequence 1453, App
C 272	18.8	1.9	22	1	US-10-655-579-35	Sequence 35, App1	C 345	18.4	1.9	20	1	US-10-671-395-1457	Sequence 1507, App
C 273	18.8	1.9	22	1	US-10-744-465-274	Sequence 274, App	C 346	18.4	1.9	20	1	US-10-671-395-1524	Sequence 1524, App
C 274	18.8	1.9	22	1	US-10-833-679-274	Sequence 274, App	C 347	18.4	1.9	20	1	US-10-671-395-1550	Sequence 1550, App
C 275	18.8	1.9	23	1	US-09-771-355-8	Sequence 8, App1	C 348	18.4	1.9	20	1	US-10-671-395-1609	Sequence 1609, App
C 276	18.8	1.9	23	1	US-09-454-495-9	Sequence 9, App1	C 349	18.4	1.9	20	1	US-10-671-395-1629	Sequence 1629, App
C 277	18.4	1.9	20	1	US-09-752-983-246	Sequence 246, App	C 350	18.4	1.9	20	1	US-10-737-576-3	Sequence 3, App1
C 278	18.4	1.9	20	1	US-09-752-983-268	Sequence 268, App	C 351	18.4	1.9	20	1	US-10-745-377-63	Sequence 63, App1
C 279	18.4	1.9	20	1	US-09-834-700-9	Sequence 9, App1	C 352	18.4	1.9	20	1	US-10-745-421-44	Sequence 84, App1
C 280	18.4	1.9	20	1	US-09-800-631-24	Sequence 24, App1	C 353	18.4	1.9	20	1	US-10-476-021-44	Sequence 44, App1
C 281	18.4	1.9	20	1	US-09-800-631-33	Sequence 33, App1	C 354	18.4	1.9	20	1	US-10-484-669-87	Sequence 87, App1
C 282	18.4	1.9	20	1	US-09-556-279-3	Sequence 3, App1	C 355	18.4	1.9	20	1	US-10-786-720-13243	Sequence 13243, A
C 283	18.4	1.9	20	1	US-09-745-605-16	Sequence 16, App1	C 356	18.4	1.9	21	1	US-10-786-720-12554	Sequence 13254, A
C 284	18.4	1.9	20	1	US-09-263-959-1145	Sequence 1145, App	C 357	18.4	1.9	21	1	US-10-786-720-20212	Sequence 20212, A
C 285	18.4	1.9	20	1	US-09-898-556A-84	Sequence 84, App1	C 358	18.4	1.9	21	1	US-10-786-720-20221	Sequence 20221, A
C 286	18.4	1.9	20	1	US-09-908-147-94	Sequence 94, App1	C 359	18.4	1.9	21	1	US-10-786-720-20232	Sequence 20232, A
C 287	18.4	1.9	20	1	US-10-222-334-14	Sequence 14, App1	C 360	18.4	1.9	21	1	US-10-786-720-20264	Sequence 20264, A
C 288	18.4	1.9	20	1	US-10-270-861-27	Sequence 27, App1	C 361	18.4	1.9	21	1	US-10-786-720-20321	Sequence 20321, A
C 289	18.4	1.9	20	1	US-10-006-366-85	Sequence 85, App1	C 362	18.4	1.9	21	1	US-10-786-720-20365	Sequence 20365, A
C 290	18.4	1.9	20	1	US-10-293-783-24	Sequence 24, App1	C 363	18.4	1.9	21	1	US-10-786-720-20370	Sequence 20370, A
C 291	18.4	1.9	20	1	US-10-293-783-33	Sequence 33, App1	C 364	18.4	1.9	21	1	US-10-786-720-20371	Sequence 20371, A
C 292	18.4	1.9	20	1	US-10-376-566-83	Sequence 83, App1	C 365	18.4	1.9	21	1	US-10-786-720-20376	Sequence 20376, A
C 293	18.4	1.9	20	1	US-10-272-665-53	Sequence 53, App1	C 366	18.4	1.9	21	1	US-10-786-720-20377	Sequence 20377, A
C 294	18.4	1.9	20	1	US-10-273-321-53	Sequence 53, App1	C 367	18.4	1.9	21	1	US-10-786-720-20440	Sequence 20440, A
C 295	18.4	1.9	20	1	US-10-331-907-257	Sequence 257, App	C 368	18.4	1.9	21	1	US-10-786-720-20426	Sequence 20426, A
C 296	18.4	1.9	20	1	US-10-331-907-296	Sequence 296, App	C 369	18.4	1.9	21	1	US-10-786-720-20545	Sequence 20545, A
C 297	18.4	1.9	20	1	US-10-272-756-53	Sequence 53, App1	C 370	18.4	1.9	21	1	US-10-786-720-20628	Sequence 20628, A
C 298	18.4	1.9	20	1	US-10-005-344-246	Sequence 246, App	C 371	18.2	1.8	19	1	US-09-728-552-1	Sequence 1, App1
C 299	18.4	1.9	20	1	US-10-005-344-268	Sequence 268, App	C 372	18.2	1.8	19	1	US-10-463-981B-1	Sequence 7, App1
C 300	18.4	1.9	20	1	US-10-273-228-53	Sequence 53, App1	C 373	18	1.8	18	1	US-09-935-223-7	Sequence 9, App1
C 301	18.4	1.9	20	1	US-10-148-355A-68	Sequence 68, App1	C 374	18	1.8	18	1	US-10-198-069-43	Sequence 43, App1
C 302	18.4	1.9	20	1	US-10-148-355A-73	Sequence 73, App1	C 375	18	1.8	18	1	US-10-198-069-44	Sequence 44, App1
C 303	18.4	1.9	20	1	US-10-181-875-71	Sequence 71, App1	C 376	18	1.8	18	1	US-10-255-434-4	Sequence 44, App1
C 304	18.4	1.9	20	1	US-10-181-875-73	Sequence 73, App1	C 377	18	1.8	18	1	US-10-255-434-16	Sequence 46, App1
C 305	18.4	1.9	20	1	US-10-282-174-211	Sequence 211, App	C 378	18	1.8	18	1	US-10-171-319-46	Sequence 46, App1
C 306	18.4	1.9	20	1	US-10-388-263-672	Sequence 672, App	C 379	18	1.8	18	1	US-09-881-012-160	Sequence 160, App
C 307	18.4	1.9	20	1	US-10-388-263-681	Sequence 681, App	C 380	18	1.8	19	1	US-10-098-871-37	Sequence 37, App1
C 308	18.4	1.9	20	1	US-10-189-268-71	Sequence 71, App1	C 381	18	1.8	19	1	US-09-950-840-28	Sequence 28, App1
C 309	18.4	1.9	20	1	US-10-199-676-38	Sequence 38, App1	C 382	18	1.8	20	1	US-10-148-355A-64	Sequence 64, App1
C 310	18.4	1.9	20	1	US-10-199-676-72	Sequence 74, App1	C 383	18	1.8	20	1	US-10-172-911-80	Sequence 80, App1
C 311	18.4	1.9	20	1	US-10-212-993-82	Sequence 82, App1	C 384	18	1.8	20	1	US-10-671-395-1573	Sequence 1573, App
C 312	18.4	1.9	20	1	US-10-212-993-131	Sequence 131, App	C 385	18	1.8	20	1	US-10-786-720-13911	Sequence 13911, A
C 313	18.4	1.9	20	1	US-10-728-509-94	Sequence 94, App1	C 386	18	1.8	21	1	US-10-786-720-14252	Sequence 14252, A
C 314	18.4	1.9	20	1	US-10-303-420-89	Sequence 89, App1	C 387	18	1.8	21	1	US-10-786-720-20188	Sequence 20188, A
C 315	18.4	1.9	20	1	US-10-316-516-64	Sequence 64, App1	C 388	18	1.8	21	1	US-10-786-720-20430	Sequence 20430, A
C 316	18.4	1.9	20	1	US-10-316-516-121	Sequence 121, App	C 389	18	1.8	21	1	US-10-786-720-20466	Sequence 20466, A
C 317	18.4	1.9	20	1	US-10-671-395-82	Sequence 82, App1	C 390	18	1.8	22	1	US-09-918-686-93	Sequence 93, App1
C 318	18.4	1.9	20	1	US-10-671-395-94	Sequence 94, App1	C 391	18	1.8	22	1	US-09-974-446-87	Sequence 87, App1
C 319	18.4	1.9	20	1	US-10-671-395-112	Sequence 112, App	C 392	18	1.8	22	1	US-10-353-150-93	Sequence 93, App1
C 320	18.4	1.9	20	1	US-10-671-395-137	Sequence 137, App	C 393	17.8	1.8	22	1	US-09-918-686-87	Sequence 87, App1
C 321	18.4	1.9	20	1	US-10-671-395-231	Sequence 231, App	C 394	17.8	1.8	21	1	US-09-899-569A-16	Sequence 16, App1
C 322	18.4	1.9	20	1	US-10-671-395-261	Sequence 261, App	C 395	17.8	1.8	21	1	US-09-964-059B-143	Sequence 143, App
C 323	18.4	1.9	20	1	US-10-671-395-266	Sequence 266, App	C 396	17.8	1.8	21	1	US-09-964-059B-144	Sequence 144, App
C 324	18.4	1.9	20	1	US-10-671-395-269	Sequence 269, App	C 397	17.8	1.8	21	1	US-09-964-059B-145	Sequence 145, App
C 325	18.4	1.9	20	1	US-10-671-395-307	Sequence 307, App	C 398	17.8	1.8	21	1		

399	17.8	1.8	21	1	US-10-033-495-40	Sequence 40, App1	472	17.4	1.8	20	1	US-10-388-263-680	Sequence 660, App
400	17.8	1.8	21	1	US-10-033-924-67	Sequence 67, App1	473	17.4	1.8	20	1	US-10-388-263-697	Sequence 697, App
401	17.8	1.8	21	1	US-10-085-906-401	Sequence 401, App	474	17.4	1.8	20	1	US-10-159-834-16	Sequence 16, App1
402	17.8	1.8	21	1	US-10-085-906-432	Sequence 432, App	475	17.4	1.8	20	1	US-10-159-834-92	Sequence 92, App1
403	17.8	1.8	21	1	US-10-085-906-474	Sequence 474, App	476	17.4	1.8	20	1	US-10-210-556-77	Sequence 77, App1
404	17.8	1.8	21	1	US-10-085-906-476	Sequence 476, App	477	17.4	1.8	20	1	US-10-210-556-195	Sequence 195, App
405	17.8	1.8	21	1	US-10-005-956-386	Sequence 386, App	478	17.4	1.8	20	1	US-10-728-509-150	Sequence 150, App
406	17.8	1.8	21	1	US-10-216-132-116	Sequence 116, App	479	17.4	1.8	20	1	US-10-633-843-82	Sequence 82, App1
407	17.8	1.8	21	1	US-10-255-434-7	Sequence 7, App1	480	17.4	1.8	20	1	US-10-303-325-77	Sequence 77, App1
408	17.8	1.8	21	1	US-10-255-434-19	Sequence 19, App1	481	17.4	1.8	20	1	US-10-303-325-81	Sequence 81, App1
409	17.8	1.8	21	1	US-10-353-150-87	Sequence 87, App1	482	17.4	1.8	20	1	US-10-303-325-145	Sequence 145, App
410	17.8	1.8	21	1	US-10-408-168-21	Sequence 21, App1	483	17.4	1.8	20	1	US-10-303-325-147	Sequence 147, App
411	17.8	1.8	21	1	US-10-136-728-129	Sequence 129, App	484	17.4	1.8	20	1	US-10-744-831-86	Sequence 86, App1
412	17.8	1.8	21	1	US-10-051-874-259	Sequence 259, App	485	17.4	1.8	20	1	US-10-671-395-118	Sequence 118, App
413	17.8	1.8	21	1	US-10-374-077-7	Sequence 7, App1	486	17.4	1.8	20	1	US-10-671-395-157	Sequence 157, App
414	17.8	1.8	21	1	US-10-287-226-567	Sequence 567, App	487	17.4	1.8	20	1	US-10-671-395-224	Sequence 224, App
415	17.8	1.8	21	1	US-10-786-720-13162	Sequence 13162, A	488	17.4	1.8	20	1	US-10-671-395-225	Sequence 225, App
416	17.8	1.8	21	1	US-10-786-720-13228	Sequence 13228, A	489	17.4	1.8	20	1	US-10-671-395-679	Sequence 679, App
417	17.8	1.8	21	1	US-10-786-720-13244	Sequence 13244, A	490	17.4	1.8	20	1	US-10-671-395-874	Sequence 874, App
418	17.8	1.8	21	1	US-10-786-720-14248	Sequence 14248, A	491	17.4	1.8	20	1	US-10-671-395-889	Sequence 889, App
419	17.8	1.8	21	1	US-10-786-720-15461	Sequence 15461, A	492	17.4	1.8	20	1	US-10-671-395-901	Sequence 901, App
420	17.8	1.8	21	1	US-10-786-720-15809	Sequence 15809, A	493	17.4	1.8	20	1	US-10-671-395-1148	Sequence 1148, App
421	17.8	1.8	21	1	US-10-786-720-16139	Sequence 16139, A	494	17.4	1.8	20	1	US-10-671-395-1267	Sequence 1267, App
422	17.8	1.8	21	1	US-10-786-720-16493	Sequence 16493, A	495	17.4	1.8	20	1	US-10-671-395-1511	Sequence 1511, App
423	17.8	1.8	21	1	US-10-786-720-19979	Sequence 19979, A	496	17.4	1.8	20	1	US-10-671-395-1516	Sequence 1516, App
424	17.8	1.8	21	1	US-10-786-720-20179	Sequence 20179, A	497	17.4	1.8	20	1	US-10-671-395-1614	Sequence 1614, App
425	17.8	1.8	21	1	US-10-786-720-20182	Sequence 20182, A	498	17.4	1.8	21	1	US-10-013-329-5	Sequence 5, App1
426	17.8	1.8	21	1	US-10-786-720-20185	Sequence 20185, A	499	17.4	1.8	21	1	US-10-005-956-801	Sequence 801, App
427	17.8	1.8	21	1	US-10-786-720-20209	Sequence 20209, A	500	17.4	1.8	21	1	US-10-005-956-802	Sequence 802, App
428	17.8	1.8	21	1	US-10-786-720-20218	Sequence 20218, A	501	17.4	1.8	21	1	US-10-005-956-1034	Sequence 1034, App
429	17.8	1.8	21	1	US-10-786-720-20219	Sequence 20219, A	502	17.4	1.8	21	1	US-10-005-956-1035	Sequence 1035, App
430	17.8	1.8	21	1	US-10-786-720-20359	Sequence 20359, A	503	17.4	1.8	21	1	US-10-786-720-13245	Sequence 13245, App
431	17.8	1.8	21	1	US-10-786-720-20375	Sequence 20375, A	504	17.4	1.8	21	1	US-10-786-720-20174	Sequence 20174, A
432	17.8	1.8	21	1	US-10-786-720-20393	Sequence 20393, A	505	17.4	1.8	21	1	US-10-786-720-20175	Sequence 20175, A
433	17.8	1.8	21	1	US-10-786-720-20393	Sequence 20393, A	506	17.4	1.8	21	1	US-10-786-720-20176	Sequence 20176, A
434	17.8	1.8	21	1	US-10-786-720-20590	Sequence 20590, A	507	17.4	1.8	21	1	US-10-786-720-20177	Sequence 20177, A
435	17.8	1.8	22	1	US-09-225-201-25	Sequence 25, App1	508	17.4	1.8	21	1	US-10-786-720-20178	Sequence 20178, A
436	17.8	1.8	22	1	US-09-834-795A-10	Sequence 10, App1	509	17.4	1.8	21	1	US-10-786-720-20220	Sequence 20220, A
437	17.8	1.8	22	1	US-09-834-795A-14	Sequence 14, App1	510	17.4	1.8	21	1	US-10-786-720-20223	Sequence 20223, A
438	17.8	1.8	22	1	US-09-918-686-88	Sequence 88, App1	511	17.4	1.8	21	1	US-10-786-720-20231	Sequence 20231, A
439	17.8	1.8	22	1	US-09-834-794A-10	Sequence 10, App1	512	17.4	1.8	21	1	US-10-786-720-20233	Sequence 20233, A
440	17.8	1.8	22	1	US-09-834-794A-14	Sequence 14, App1	513	17.4	1.8	21	1	US-10-786-720-20363	Sequence 20363, A
441	17.8	1.8	22	1	US-10-353-150-88	Sequence 88, App1	514	17.4	1.8	21	1	US-10-786-720-20367	Sequence 20367, A
442	17.8	1.8	22	1	US-10-436-523-23	Sequence 23, App1	515	17.4	1.8	21	1	US-10-786-720-20373	Sequence 20373, A
443	17.4	1.8	19	1	US-09-988-625-100	Sequence 100, App	516	17.4	1.8	21	1	US-10-786-720-20379	Sequence 20379, A
444	17.4	1.8	19	1	US-09-988-687-100	Sequence 100, App	517	17.4	1.8	21	1	US-10-786-720-20442	Sequence 20442, A
445	17.4	1.8	19	1	US-09-988-686-100	Sequence 100, App	518	17.4	1.8	21	1	US-10-786-720-20591	Sequence 20591, A
446	17.4	1.8	19	1	US-10-086-181-10	Sequence 10, App1	519	17.4	1.8	21	1	US-10-786-720-20592	Sequence 20592, A
447	17.4	1.8	19	1	US-10-204-254A-57	Sequence 57, App1	520	17.4	1.8	21	1	US-10-786-720-20627	Sequence 20627, A
448	17.4	1.8	19	1	US-10-204-254A-64	Sequence 64, App1	521	17.4	1.8	21	1	US-10-463-981B-2	Sequence 2, App1
449	17.4	1.8	19	1	US-10-051-874-258	Sequence 258, App	522	17.2	1.7	18	1	US-09-242-772-1	Sequence 1, App1
450	17.4	1.8	19	1	US-10-455-552-62	Sequence 62, App1	523	17	1.7	17	1	US-10-156-306-537	Sequence 537, App
451	17.4	1.8	19	1	US-10-455-552-66	Sequence 66, App1	524	17	1.7	17	1	US-10-156-306-567	Sequence 567, App
452	17.4	1.8	19	1	US-10-731-733-222	Sequence 222, App	525	17	1.7	17	1	US-10-156-306-568	Sequence 568, App
453	17.4	1.8	20	1	US-09-752-983-249	Sequence 249, App	526	17	1.7	17	1	US-10-156-306-569	Sequence 569, App
454	17.4	1.8	20	1	US-09-752-983-256	Sequence 256, App	527	17	1.7	17	1	US-10-156-306-574	Sequence 574, App
455	17.4	1.8	20	1	US-09-752-983-257	Sequence 257, App	528	17	1.7	17	1	US-10-156-306-1673	Sequence 1673, App
456	17.4	1.8	20	1	US-09-733-294A-81	Sequence 81, App1	529	17	1.7	17	1	US-10-156-306-1678	Sequence 1678, App
457	17.4	1.8	20	1	US-09-800-631-32	Sequence 32, App1	530	17	1.7	17	1	US-10-156-306-1699	Sequence 1699, App
458	17.4	1.8	20	1	US-09-800-631-49	Sequence 49, App1	531	17	1.7	17	1	US-10-156-306-1715	Sequence 1715, App
459	17.4	1.8	20	1	US-09-745-605-17	Sequence 17, App1	532	17	1.7	17	1	US-10-156-306-1716	Sequence 1716, App
460	17.4	1.8	20	1	US-09-863-806-155	Sequence 155, App	533	17	1.7	17	1	US-10-156-306-1700	Sequence 1700, App
461	17.4	1.8	20	1	US-09-993-731-223	Sequence 23, App1	534	17	1.7	17	1	US-10-156-306-1701	Sequence 1701, App
462	17.4	1.8	20	1	US-09-908-147-150	Sequence 150, App1	535	17	1.7	17	1	US-10-156-306-1712	Sequence 1712, App
463	17.4	1.8	20	1	US-10-010-002-86	Sequence 86, App1	536	17	1.7	17	1	US-10-156-306-1713	Sequence 1713, App
464	17.4	1.8	20	1	US-10-293-783-32	Sequence 32, App1	537	17	1.7	17	1	US-10-156-306-1714	Sequence 1714, App
465	17.4	1.8	20	1	US-10-293-783-49	Sequence 49, App1	538	17	1.7	17	1	US-10-156-306-1715	Sequence 1715, App
466	17.4	1.8	20	1	US-10-313-733-13	Sequence 13, App1	539	17	1.7	17	1	US-10-156-306-1716	Sequence 1716, App
467	17.4	1.8	20	1	US-10-098-871-39	Sequence 39, App1	540	17	1.7	17	1	US-10-156-306-1717	Sequence 1717, App
468	17.4	1.8	20	1	US-10-005-344-249	Sequence 249, App	541	17	1.7	17	1	US-10-156-306-2415	Sequence 2415, App
469	17.4	1.8	20	1	US-10-005-344-256	Sequence 256, App	542	17	1.7	17	1	US-10-156-306-2416	Sequence 2416, App
470	17.4	1.8	20	1	US-10-005-344-257	Sequence 257, App	543	17	1.7	17	1	US-10-156-306-2417	Sequence 2417, App
471	17.4	1.8	20	1	US-10-148-355A-65	Sequence 65, App1	544	17	1.7	17	1	US-10-156-306-2887	Sequence 2887, App

545	17	1.7	17	1	US-10-156-306-3777	Sequence 3777, App	C 618	16.8	1.7	20	1	US-10-313-739-15	Sequence 15, App1
546	17	1.7	17	1	US-10-156-306-3778	Sequence 3778, App	C 619	16.8	1.7	20	1	US-10-233-023A-51	Sequence 51, App1
547	17	1.7	17	1	US-10-156-306-3784	Sequence 3784, App	C 620	16.8	1.7	20	1	US-10-376-566-36	Sequence 36, App1
548	17	1.7	17	1	US-10-156-306-3795	Sequence 3795, App	C 621	16.8	1.7	20	1	US-10-331-907-302	Sequence 302, App
549	17	1.7	17	1	US-10-156-306-3796	Sequence 3796, App	C 622	16.8	1.7	20	1	US-10-005-344-251	Sequence 251, App
550	17	1.7	17	1	US-10-156-306-3797	Sequence 3797, App	C 623	16.8	1.7	20	1	US-10-005-344-258	Sequence 258, App
551	17	1.7	17	1	US-10-156-306-3798	Sequence 3798, App	C 624	16.8	1.7	20	1	US-10-005-344-262	Sequence 262, App
C 552	17	1.7	17	1	US-10-255-434-10	Sequence 10, App1	C 625	16.8	1.7	20	1	US-10-005-344-265	Sequence 265, App
C 553	17	1.7	17	1	US-10-255-434-12	Sequence 12, App1	C 626	16.8	1.7	20	1	US-10-446-377-98	Sequence 98, App1
554	17	1.7	17	1	US-10-255-434-22	Sequence 22, App1	C 627	16.8	1.7	20	1	US-10-181-316-233	Sequence 233, App1
555	17	1.7	17	1	US-10-255-434-24	Sequence 24, App1	C 628	16.8	1.7	20	1	US-10-160-807-122	Sequence 122, App1
556	17	1.7	17	1	US-10-238-700-696	Sequence 696, App	C 629	16.8	1.7	20	1	US-10-160-807-175	Sequence 175, App
557	17	1.7	17	1	US-10-338-700-699	Sequence 699, App	C 630	16.8	1.7	20	1	US-10-388-263-700	Sequence 700, App
C 558	17	1.7	17	1	US-10-339-782-309	Sequence 309, App	C 631	16.8	1.7	20	1	US-10-174-460-77	Sequence 77, App1
C 559	17	1.7	17	1	US-10-339-782-309	Sequence 354, App	C 632	16.8	1.7	20	1	US-10-175-492-88	Sequence 88, App1
C 560	17	1.7	17	1	US-10-091-281-354	Sequence 3, App1	C 633	16.8	1.7	20	1	US-10-175-492-88	Sequence 162, App
C 561	17	1.7	17	19	US-10-676-154-3	Sequence 98, App1	C 634	16.8	1.7	20	1	US-10-187-659A-13	Sequence 13, App1
C 562	17	1.7	17	19	US-10-636-065-98	Sequence 98, App1	C 635	16.8	1.7	20	1	US-10-277-216-208	Sequence 208, App
563	17	1.7	17	20	US-09-752-983-241	Sequence 241, App	C 636	16.8	1.7	20	1	US-10-199-676-37	Sequence 37, App1
564	17	1.7	17	20	US-09-949-427-209	Sequence 209, App	C 637	16.8	1.7	20	1	US-10-199-676-37	Sequence 73, App1
565	17	1.7	17	20	US-09-949-428-209	Sequence 209, App	C 638	16.8	1.7	20	1	US-10-126-022-208	Sequence 208, App
566	17	1.7	17	20	US-09-943-377-88	Sequence 88, App1	C 639	16.8	1.7	20	1	US-10-655-847-22	Sequence 22, App1
C 567	17	1.7	17	20	US-10-085-906-323	Sequence 241, App	C 640	16.8	1.7	20	1	US-10-655-847-175	Sequence 96, App1
C 568	17	1.7	17	20	US-10-159-834-73	Sequence 73, App1	C 641	16.8	1.7	20	1	US-10-728-509-97	Sequence 97, App1
C 569	17	1.7	17	20	US-10-159-834-126	Sequence 126, App	C 642	16.8	1.7	20	1	US-10-627-757-19	Sequence 19, App1
C 570	17	1.7	17	20	US-10-671-395-146	Sequence 146, App	C 643	16.8	1.7	20	1	US-10-303-325-82	Sequence 82, App1
571	17	1.7	17	21	US-10-819-244-88	Sequence 88, App1	C 644	16.8	1.7	20	1	US-10-303-325-148	Sequence 148, App1
572	17	1.7	17	21	US-09-998-425-61	Sequence 61, App1	C 645	16.8	1.7	20	1	US-10-467-126-83	Sequence 83, App1
573	17	1.7	17	21	US-09-997-977-61	Sequence 61, App1	C 646	16.8	1.7	20	1	US-10-671-395-38	Sequence 38, App1
C 574	17	1.7	17	21	US-09-998-966-47	Sequence 47, App1	C 647	16.8	1.7	20	1	US-10-671-395-41	Sequence 41, App1
C 575	17	1.7	17	21	US-10-004-415-47	Sequence 47, App1	C 648	16.8	1.7	20	1	US-10-671-395-86	Sequence 86, App1
576	17	1.7	17	21	US-10-384-974-46	Sequence 46, App1	C 649	16.8	1.7	20	1	US-10-671-395-109	Sequence 109, App
577	17	1.7	17	21	US-10-786-720-13910	Sequence 13910, A	C 650	16.8	1.7	20	1	US-10-671-395-212	Sequence 212, App
578	17	1.7	17	21	US-10-786-720-13915	Sequence 13915, A	C 651	16.8	1.7	20	1	US-10-671-395-239	Sequence 239, App
C 579	17	1.7	17	21	US-10-786-720-13917	Sequence 13917, A	C 652	16.8	1.7	20	1	US-10-671-395-298	Sequence 298, App
580	17	1.7	17	21	US-10-786-720-20190	Sequence 20190, A	C 653	16.8	1.7	20	1	US-10-671-395-333	Sequence 333, App
581	17	1.7	17	21	US-10-786-720-20216	Sequence 20216, A	C 654	16.8	1.7	20	1	US-10-671-395-456	Sequence 456, App
582	17	1.7	17	21	US-10-786-720-20236	Sequence 20236, A	C 655	16.8	1.7	20	1	US-10-671-395-446	Sequence 446, App
583	17	1.7	17	21	US-10-786-720-20237	Sequence 20237, A	C 656	16.8	1.7	20	1	US-10-671-395-515	Sequence 515, App
C 584	17	1.7	17	21	US-10-786-720-20238	Sequence 20238, A	C 657	16.8	1.7	20	1	US-10-671-395-529	Sequence 529, App
585	17	1.7	17	21	US-10-786-720-20429	Sequence 20429, A	C 658	16.8	1.7	20	1	US-10-671-395-558	Sequence 558, App
586	17	1.7	17	21	US-10-786-720-20465	Sequence 20465, A	C 659	16.8	1.7	20	1	US-10-671-395-597	Sequence 597, App
C 587	16.8	1.7	17	21	US-09-752-983-251	Sequence 251, App	C 660	16.8	1.7	20	1	US-10-671-395-645	Sequence 645, App
C 588	16.8	1.7	17	20	US-09-752-983-258	Sequence 258, App	C 661	16.8	1.7	20	1	US-10-671-395-656	Sequence 656, App
C 589	16.8	1.7	17	20	US-09-752-983-262	Sequence 262, App	C 662	16.8	1.7	20	1	US-10-671-395-657	Sequence 657, App
C 590	16.8	1.7	17	20	US-09-752-983-265	Sequence 265, App	C 663	16.8	1.7	20	1	US-10-671-395-668	Sequence 668, App
591	16.8	1.7	17	20	US-09-907-190-5	Sequence 5, App	C 664	16.8	1.7	20	1	US-10-671-395-678	Sequence 678, App
C 592	16.8	1.7	17	20	US-09-916-369A-3	Sequence 3, App1	C 665	16.8	1.7	20	1	US-10-671-395-688	Sequence 688, App
C 593	16.8	1.7	17	20	US-09-911-935A-16	Sequence 16, App1	C 666	16.8	1.7	20	1	US-10-671-395-753	Sequence 753, App
594	16.8	1.7	17	20	US-09-800-631-52	Sequence 52, App	C 667	16.8	1.7	20	1	US-10-671-395-783	Sequence 783, App
C 595	16.8	1.7	17	20	US-09-918-186A-233	Sequence 233, App	C 668	16.8	1.7	20	1	US-10-671-395-790	Sequence 790, App
596	16.8	1.7	17	20	US-09-861-925-51	Sequence 51, App1	C 669	16.8	1.7	20	1	US-10-671-395-812	Sequence 812, App
597	16.8	1.7	17	20	US-09-920-671-81	Sequence 81, App1	C 670	16.8	1.7	20	1	US-10-671-395-828	Sequence 828, App
C 598	16.8	1.7	17	20	US-09-920-671-82	Sequence 82, App1	C 671	16.8	1.7	20	1	US-10-671-395-828	Sequence 829, App
C 599	16.8	1.7	17	20	US-09-898-556A-85	Sequence 85, App1	C 672	16.8	1.7	20	1	US-10-671-395-829	Sequence 829, App
C 600	16.8	1.7	17	20	US-09-898-556A-87	Sequence 87, App1	C 673	16.8	1.7	20	1	US-10-671-395-847	Sequence 847, App
C 601	16.8	1.7	17	20	US-09-953-611-84	Sequence 84, App1	C 674	16.8	1.7	20	1	US-10-671-395-861	Sequence 861, App
602	16.8	1.7	17	20	US-09-953-318-98	Sequence 98, App1	C 675	16.8	1.7	20	1	US-10-671-395-862	Sequence 862, App
C 603	16.8	1.7	17	20	US-09-908-147-96	Sequence 96, App1	C 676	16.8	1.7	20	1	US-10-671-395-863	Sequence 863, App
C 604	16.8	1.7	17	20	US-09-908-147-97	Sequence 97, App1	C 677	16.8	1.7	20	1	US-10-671-395-880	Sequence 882, App
C 605	16.8	1.7	17	20	US-09-964-059B-94	Sequence 94, App1	C 678	16.8	1.7	20	1	US-10-671-395-950	Sequence 950, App
C 606	16.8	1.7	17	20	US-09-964-059B-96	Sequence 96, App1	C 679	16.8	1.7	20	1	US-10-671-395-956	Sequence 956, App
C 607	16.8	1.7	17	20	US-09-964-059B-104	Sequence 104, App1	C 680	16.8	1.7	20	1	US-10-671-395-963	Sequence 963, App
608	16.8	1.7	17	20	US-09-964-059B-105	Sequence 105, App	C 681	16.8	1.7	20	1	US-10-671-395-987	Sequence 986, App
609	16.8	1.7	17	20	US-09-964-059B-106	Sequence 106, App	C 682	16.8	1.7	20	1	US-10-671-395-987	Sequence 987, App
610	16.8	1.7	17	20	US-10-025-201-13	Sequence 13, App1	C 683	16.8	1.7	20	1	US-10-671-395-1001	Sequence 1001, App
611	16.8	1.7	17	20	US-10-085-906-352	Sequence 352, App1	C 684	16.8	1.7	20	1	US-10-671-395-1016	Sequence 1016, App
C 612	16.8	1.7	17	20	US-10-007-078-81	Sequence 81, App1	C 685	16.8	1.7	20	1	US-10-671-395-1224	Sequence 1224, App
C 613	16.8	1.7	17	20	US-10-007-078-84	Sequence 84, App1	C 686	16.8	1.7	20	1	US-10-671-395-1309	Sequence 1309, App
C 614	16.8	1.7	17	20	US-10-314-405-2	Sequence 2, App1	C 687	16.8	1.7	20	1	US-10-671-395-1334	Sequence 1334, App
C 615	16.8	1.7	17	20	US-10-293-783-52	Sequence 52, App1	C 688	16.8	1.7	20	1	US-10-671-395-1433	Sequence 1433, App
616	16.8	1.7	17	20	US-10-002-623-921	Sequence 921, App	C 689	16.8	1.7	20	1		
C 617	16.8	1.7	17	20			C 690	16.8	1.7	20	1		

C 691	16.8	1.7	20	1	US-10-671-395-1512	Sequence 1512, Ap	764	16	1.6	16	1	1	US-09-739-909-5	Sequence 5, Appl
C 692	16.8	1.7	20	1	US-10-671-395-1549	Sequence 1549, Ap	765	16	1.6	16	1	1	US-09-739-909-6	Sequence 6, Appl
C 693	16.8	1.7	20	1	US-10-671-395-1567	Sequence 1567, Ap	766	16	1.6	16	1	1	US-09-739-909-8	Sequence 8, Appl
C 694	16.8	1.7	20	1	US-10-671-395-1568	Sequence 1568, Ap	767	16	1.6	16	1	1	US-09-739-909-11	Sequence 11, Appl
C 695	16.8	1.7	20	1	US-10-671-395-1530	Sequence 1530, Ap	768	16	1.6	16	1	1	US-10-092-885-40	Sequence 40, Appl
C 696	16.8	1.7	20	1	US-10-671-395-1713	Sequence 1630, Ap	769	16	1.6	16	1	1	US-10-092-885-42	Sequence 42, Appl
C 697	16.8	1.7	20	1	US-10-671-395-1713	Sequence 1751, Ap	770	16	1.6	16	1	1	US-10-092-885-43	Sequence 43, Appl
C 698	16.8	1.7	20	1	US-10-671-395-1751	Sequence 66, Appl	771	16	1.6	16	1	1	US-10-092-885-46	Sequence 46, Appl
C 699	16.8	1.7	20	1	US-10-745-377-66	Sequence 77, Appl	772	16	1.6	16	1	1	US-10-092-885-48	Sequence 48, Appl
C 700	16.8	1.7	20	1	US-10-664-639A-77	Sequence 39, Appl	773	16	1.6	16	1	1	US-10-092-885-51	Sequence 51, Appl
C 701	16.8	1.7	20	1	US-10-681-199-39	Sequence 85, Appl	774	16	1.6	16	1	1	US-09-898-779-91	Sequence 91, Appl
C 702	16.8	1.7	20	1	US-10-772-542-85	Sequence 86, Appl	775	16	1.6	16	1	1	US-10-156-306-547	Sequence 547, App
C 703	16.8	1.7	21	1	US-10-772-542-87	Sequence 87, Appl	776	16	1.6	16	1	1	US-10-156-306-573	Sequence 573, App
C 704	16.8	1.7	21	1	US-09-770-107-86	Sequence 2, Appl	777	16	1.6	16	1	1	US-10-156-306-1654	Sequence 1654, Ap
C 705	16.8	1.7	21	1	US-09-967-323-2	Sequence 2, Appl	778	16	1.6	16	1	1	US-10-156-306-1659	Sequence 1659, Ap
C 706	16.8	1.7	21	1	US-10-085-905-376	Sequence 376, App	779	16	1.6	16	1	1	US-10-156-306-1672	Sequence 1672, Ap
C 707	16.8	1.7	21	1	US-10-005-956-737	Sequence 737, App	780	16	1.6	16	1	1	US-10-156-306-1677	Sequence 1677, Ap
C 708	16.8	1.7	21	1	US-10-005-956-738	Sequence 738, App	781	16	1.6	16	1	1	US-10-156-306-1702	Sequence 1702, Ap
C 709	16.8	1.7	21	1	US-10-005-956-982	Sequence 982, App	782	16	1.6	16	1	1	US-10-156-306-2391	Sequence 2391, Ap
C 710	16.8	1.7	21	1	US-10-005-956-983	Sequence 983, App	783	16	1.6	16	1	1	US-10-156-306-2401	Sequence 2401, Ap
C 711	16.8	1.7	21	1	US-10-165-099-338	Sequence 338, App	784	16	1.6	16	1	1	US-10-156-306-2412	Sequence 2412, Ap
C 712	16.8	1.7	21	1	US-10-349-143-6639	Sequence 6639, Ap	785	16	1.6	16	1	1	US-10-156-306-2890	Sequence 2890, Ap
C 713	16.8	1.7	21	1	US-10-410-031-189	Sequence 189, App	786	16	1.6	16	1	1	US-10-228-700-717	Sequence 717, App
C 714	16.8	1.7	21	1	US-10-627-253A-89	Sequence 89, Appl	787	16	1.6	16	1	1	US-10-339-793-110	Sequence 110, App
C 715	16.8	1.7	21	1	US-10-627-253A-90	Sequence 90, Appl	788	16	1.6	16	1	1	US-10-251-598-166	Sequence 166, App
C 716	16.8	1.7	21	1	US-10-786-720-13164	Sequence 13164, A	789	16	1.6	16	1	1	US-10-400-382-164	Sequence 164, App
C 717	16.8	1.7	21	1	US-10-786-720-13230	Sequence 13230, A	790	16	1.6	16	1	1	US-09-918-186A-234	Sequence 234, App
C 718	16.8	1.7	21	1	US-10-786-720-13251	Sequence 13251, A	791	16	1.6	16	1	1	US-09-877-843-95	Sequence 843, App
C 719	16.8	1.7	21	1	US-10-786-720-14250	Sequence 14250, A	792	16	1.6	16	1	1	US-10-181-174B-51	Sequence 51, Appl
C 720	16.8	1.7	21	1	US-10-786-720-15367	Sequence 15367, A	793	16	1.6	16	1	1	US-10-181-174B-51	Sequence 2293, Ap
C 721	16.8	1.7	21	1	US-10-786-720-15368	Sequence 15368, A	794	16	1.6	16	1	1	US-10-035-833A-2293	Sequence 2293, Ap
C 722	16.8	1.7	21	1	US-10-786-720-15369	Sequence 15369, A	795	15.8	1.6	16	1	1	US-09-917-138-1	Sequence 917, Appl
C 723	16.8	1.7	21	1	US-10-786-720-15733	Sequence 15733, A	796	15.8	1.6	16	1	1	US-09-918-686-92	Sequence 918, Appl
C 724	16.8	1.7	21	1	US-10-786-720-15734	Sequence 15734, A	797	15.8	1.6	16	1	1	US-09-901-484A-515	Sequence 515, App
C 725	16.8	1.7	21	1	US-10-786-720-15735	Sequence 15735, A	798	15.8	1.6	16	1	1	US-09-853-526-515	Sequence 526, App
C 726	16.8	1.7	21	1	US-10-786-720-16054	Sequence 16054, A	799	15.8	1.6	16	1	1	US-09-881-012-229	Sequence 229, App
C 727	16.8	1.7	21	1	US-10-786-720-16055	Sequence 16055, A	800	15.8	1.6	16	1	1	US-09-970-971A-15	Sequence 15, Appl
C 728	16.8	1.7	21	1	US-10-786-720-16056	Sequence 16056, A	801	15.8	1.6	16	1	1	US-09-970-971A-26	Sequence 26, Appl
C 729	16.8	1.7	21	1	US-10-786-720-16405	Sequence 16405, A	802	15.8	1.6	16	1	1	US-09-970-971A-26	Sequence 26, Appl
C 730	16.8	1.7	21	1	US-10-786-720-16406	Sequence 16406, A	803	15.8	1.6	16	1	1	US-09-306-333A-9	Sequence 9, Appl
C 731	16.8	1.7	21	1	US-10-786-720-16407	Sequence 16407, A	804	15.8	1.6	16	1	1	US-10-208-357-25	Sequence 25, Appl
C 732	16.8	1.7	21	1	US-10-786-720-20181	Sequence 20181, A	805	15.8	1.6	16	1	1	US-10-123-597-1	Sequence 1, Appl
C 733	16.8	1.7	21	1	US-10-786-720-20184	Sequence 20184, A	806	15.8	1.6	16	1	1	US-10-123-597-2	Sequence 2, Appl
C 734	16.8	1.7	21	1	US-10-786-720-20187	Sequence 20187, A	807	15.8	1.6	16	1	1	US-10-123-597-3	Sequence 3, Appl
C 735	16.8	1.7	21	1	US-10-786-720-20211	Sequence 20211, A	808	15.8	1.6	16	1	1	US-10-123-597-4	Sequence 4, Appl
C 736	16.8	1.7	21	1	US-10-786-720-20248	Sequence 20248, A	809	15.8	1.6	16	1	1	US-10-123-597-5	Sequence 5, Appl
C 737	16.8	1.7	21	1	US-10-786-720-20361	Sequence 20361, A	810	15.8	1.6	16	1	1	US-10-123-597-6	Sequence 6, Appl
C 738	16.8	1.7	21	1	US-10-786-720-20394	Sequence 20394, A	811	15.8	1.6	16	1	1	US-10-123-597-7	Sequence 7, Appl
C 739	16.8	1.7	21	1	US-10-786-720-20459	Sequence 20459, A	812	15.8	1.6	16	1	1	US-10-123-597-8	Sequence 8, Appl
C 740	16.8	1.7	21	1	US-10-786-720-20629	Sequence 20629, A	813	15.8	1.6	16	1	1	US-10-123-597-14	Sequence 14, Appl
C 741	16.8	1.7	21	1	US-10-786-720-20631	Sequence 20631, A	814	15.8	1.6	16	1	1	US-10-123-597-14	Sequence 14, Appl
C 742	16.6	1.7	19	1	US-09-728-552-2	Sequence 2, Appl	815	15.8	1.6	16	1	1	US-10-123-597-15	Sequence 15, Appl
C 743	16.4	1.7	18	1	US-09-263-959-1276	Sequence 1276, Ap	816	15.8	1.6	16	1	1	US-10-100-321-24	Sequence 24, Appl
C 744	16.4	1.7	18	1	US-09-739-909-7	Sequence 7, Appl	817	15.8	1.6	16	1	1	US-10-100-321-24	Sequence 24, Appl
C 745	16.4	1.7	18	1	US-10-255-434-9	Sequence 9, Appl	818	15.8	1.6	16	1	1	US-10-247-893-3	Sequence 3, Appl
C 746	16.4	1.7	18	1	US-10-255-434-21	Sequence 21, Appl	819	15.8	1.6	16	1	1	US-10-247-893-7	Sequence 7, Appl
C 747	16.4	1.7	18	1	US-10-731-739-220	Sequence 220, App	820	15.8	1.6	16	1	1	US-10-247-893-7	Sequence 7, Appl
C 748	16.4	1.7	18	1	US-10-731-739-438	Sequence 438, App	821	15.8	1.6	16	1	1	US-10-098-816-15	Sequence 15, Appl
C 749	16.4	1.7	19	1	US-09-263-959-630	Sequence 630, App	822	15.8	1.6	16	1	1	US-10-098-816-17	Sequence 17, Appl
C 750	16.4	1.7	19	1	US-09-263-959-963	Sequence 963, App	823	15.8	1.6	16	1	1	US-10-098-816-17	Sequence 17, Appl
C 751	16.4	1.7	19	1	US-09-263-959-1278	Sequence 1278, Ap	824	15.8	1.6	16	1	1	US-10-098-816-18	Sequence 18, Appl
C 752	16.4	1.7	19	1	US-10-204-254A-41	Sequence 41, Appl	825	15.8	1.6	16	1	1	US-10-098-816-26	Sequence 26, Appl
C 753	16.4	1.7	19	1	US-09-898-556A-88	Sequence 88, Appl	826	15.8	1.6	16	1	1	US-10-098-816-26	Sequence 26, Appl
C 754	16.4	1.7	20	1	US-10-222-334-10	Sequence 10, Appl	827	15.8	1.6	16	1	1	US-10-002-623-770	Sequence 770, App
C 755	16.4	1.7	20	1	US-10-006-883A-71	Sequence 71, Appl	828	15.8	1.6	16	1	1	US-10-322-242-1	Sequence 1, Appl
C 756	16.4	1.7	20	1	US-10-401-194-75	Sequence 75, Appl	829	15.8	1.6	16	1	1	US-10-353-150-92	Sequence 92, Appl
C 757	16.4	1.7	20	1	US-10-199-199-83	Sequence 83, Appl	830	15.8	1.6	16	1	1	US-10-371-600-14	Sequence 14, Appl
C 758	16.4	1.7	20	1	US-10-199-199-141	Sequence 141, Appl	831	15.8	1.6	16	1	1	US-10-331-907-157	Sequence 157, App
C 759	16.4	1.7	20	1	US-10-316-540-24	Sequence 24, Appl	832	15.8	1.6	16	1	1	US-10-331-907-242	Sequence 242, App
C 760	16.4	1.7	20	1	US-10-316-540-101	Sequence 101, App	833	15.8	1.6	16	1	1	US-10-091-281-242	Sequence 242, App
C 761	16.4	1.7	20	1	US-10-671-395-1558	Sequence 1558, Ap	834	15.8	1.6	16	1	1	US-10-170-172-16	Sequence 16, Appl
C 762	16.4	1.7	20	1	US-10-772-542-88	Sequence 88, Appl	835	15.8	1.6	16	1	1	US-10-331-109-33	Sequence 33, Appl
C 763	16	1.6	16	1	US-09-739-909-4	Sequence 4, Appl	836	15.8	1.6	16	1	1	US-10-359-328-5	Sequence 5, Appl

837	15.8	1.6	19	1	US-10-359-328-26	Sequence 26, Appl	910	15	1.5	18	1	US-10-314-410-21	Sequence 21, Appl
C 838	15.8	1.6	19	1	US-10-457-839-29	Sequence 29, Appl	911	15	1.5	18	1	US-10-204-254A-51	Sequence 51, Appl
C 839	15.8	1.6	19	1	US-10-236-417-244	Sequence 244, Appl	C 912	15	1.5	18	1	US-10-282-174-366	Sequence 366, Appl
840	15.8	1.6	19	1	US-10-387-346B-154	Sequence 154, Appl	C 913	14.8	1.5	18	1	US-09-784-423-146	Sequence 146, Appl
C 841	15.6	1.6	41	1	US-10-035-833A-3699	Sequence 3699, Ap	C 914	14.8	1.5	18	1	US-09-841-366A-8	Sequence 8, Appl
842	15.4	1.6	17	1	US-10-156-306-544	Sequence 544, App	C 915	14.8	1.5	18	1	US-09-809-544A-84	Sequence 84, Appl
843	15.4	1.6	17	1	US-10-156-306-548	Sequence 548, App	916	14.8	1.5	18	1	US-09-888-326-837	Sequence 837, App
844	15.4	1.6	17	1	US-10-156-306-1651	Sequence 1651, Ap	C 917	14.8	1.5	18	1	US-09-982-265B-4	Sequence 4, Appl
844	15.4	1.6	17	1	US-10-156-306-1651	Sequence 1652, Ap	918	14.8	1.5	18	1	US-09-776-479-913	Sequence 913, App
845	15.4	1.6	17	1	US-10-156-306-1652	Sequence 1653, Ap	919	14.8	1.5	18	1	US-09-776-479-913	Sequence 939, App
846	15.4	1.6	17	1	US-10-156-306-1653	Sequence 1661, Ap	920	14.8	1.5	18	1	US-09-776-479-939	Sequence 939, App
847	15.4	1.6	17	1	US-10-156-306-1661	Sequence 1662, Ap	921	14.8	1.5	18	1	US-09-776-479-939	Sequence 14, Appl
848	15.4	1.6	17	1	US-10-156-306-1662	Sequence 1663, Ap	922	14.8	1.5	18	1	US-09-370-541-14	Sequence 7, Appl
849	15.4	1.6	17	1	US-10-156-306-1663	Sequence 1671, Ap	923	14.8	1.5	18	1	US-10-125-295-9	Sequence 9, Appl
850	15.4	1.6	17	1	US-10-156-306-1671	Sequence 1674, Ap	924	14.8	1.5	18	1	US-10-208-357-24	Sequence 24, Appl
851	15.4	1.6	17	1	US-10-156-306-1674	Sequence 1675, Ap	C 925	14.8	1.5	18	1	US-10-112-653-882	Sequence 882, App
852	15.4	1.6	17	1	US-10-156-306-1675	Sequence 1676, Ap	926	14.8	1.5	18	1	US-10-017-995-913	Sequence 913, App
853	15.4	1.6	17	1	US-10-156-306-1676	Sequence 1675, Ap	927	14.8	1.5	18	1	US-10-017-995-939	Sequence 939, App
854	15.4	1.6	17	1	US-10-156-306-1695	Sequence 1695, Ap	928	14.8	1.5	18	1	US-10-206-613-4	Sequence 4, Appl
855	15.4	1.6	17	1	US-10-156-306-1696	Sequence 1696, Ap	929	14.8	1.5	18	1	US-10-313-733-14	Sequence 14, Appl
856	15.4	1.6	17	1	US-10-156-306-1710	Sequence 1710, Ap	930	14.8	1.5	18	1	US-10-289-849-11	Sequence 11, Appl
857	15.4	1.6	17	1	US-10-156-306-1711	Sequence 1711, Ap	931	14.8	1.5	18	1	US-10-289-849-11	Sequence 15, Appl
858	15.4	1.6	17	1	US-10-156-306-2330	Sequence 2390, Ap	932	14.8	1.5	18	1	US-10-056-479A-15	Sequence 12, Appl
859	15.4	1.6	17	1	US-10-156-306-2334	Sequence 2394, Ap	933	14.8	1.5	18	1	US-10-352-704-12	Sequence 18, Appl
860	15.4	1.6	17	1	US-10-156-306-2335	Sequence 2395, Ap	C 934	14.8	1.5	18	1	US-10-352-704-18	Sequence 8, Appl
861	15.4	1.6	17	1	US-10-156-306-2338	Sequence 2398, Ap	C 935	14.8	1.5	18	1	US-10-314-810-8	Sequence 9, Appl
862	15.4	1.6	17	1	US-10-156-306-2339	Sequence 2399, Ap	936	14.8	1.5	18	1	US-10-073-335-9	Sequence 9, Appl
863	15.4	1.6	17	1	US-10-156-306-2409	Sequence 2400, Ap	937	14.8	1.5	18	1	US-10-091-281-314	Sequence 314, App
864	15.4	1.6	17	1	US-10-156-306-2410	Sequence 2410, Ap	C 938	14.8	1.5	18	1	US-10-091-281-355	Sequence 355, App
865	15.4	1.6	17	1	US-10-156-306-2411	Sequence 2411, Ap	939	14.8	1.5	18	1	US-10-351-951-123	Sequence 123, App
866	15.4	1.6	17	1	US-10-156-306-2880	Sequence 2880, Ap	940	14.8	1.5	18	1	US-10-292-088-144	Sequence 144, App
867	15.4	1.6	17	1	US-10-156-306-2881	Sequence 2881, Ap	941	14.8	1.5	18	1	US-10-314-578-913	Sequence 913, App
868	15.4	1.6	17	1	US-10-156-306-3776	Sequence 3776, Ap	942	14.8	1.5	18	1	US-10-314-578-939	Sequence 939, App
869	15.4	1.6	17	1	US-10-156-306-3781	Sequence 3783, Ap	943	14.8	1.5	18	1	US-10-389-155-97	Sequence 97, Appl
870	15.4	1.6	17	1	US-10-156-306-3792	Sequence 3792, Ap	944	14.8	1.5	18	1	US-10-271-602B-84	Sequence 84, Appl
871	15.4	1.6	17	1	US-10-156-306-3793	Sequence 3793, Ap	C 945	14.8	1.5	18	1	US-10-334-143-204	Sequence 204, App
872	15.4	1.6	17	1	US-10-156-306-3794	Sequence 3794, Ap	946	14.8	1.5	18	1	US-10-454-663-4	Sequence 4, Appl
873	15.4	1.6	17	1	US-10-238-700-678	Sequence 678, App	C 947	14.8	1.5	18	1	US-10-389-417-97	Sequence 97, Appl
874	15.4	1.6	17	1	US-10-238-700-679	Sequence 679, App	948	14.8	1.5	18	1	US-10-653-416-26	Sequence 26, Appl
875	15.4	1.6	17	1	US-10-238-700-680	Sequence 680, App	949	14.8	1.5	18	1	US-10-785-744-15	Sequence 15, Appl
876	15.4	1.6	17	1	US-10-238-700-685	Sequence 685, App	950	14.8	1.5	18	1	US-10-735-592-1	Sequence 1, Appl
877	15.4	1.6	17	1	US-10-238-700-687	Sequence 687, App	951	14.8	1.5	18	1	US-10-473-368-10	Sequence 10, Appl
878	15.4	1.6	17	1	US-10-238-700-697	Sequence 697, App	C 952	14.8	1.5	18	1	US-10-628-525-30	Sequence 30, Appl
879	15.4	1.6	17	1	US-10-238-700-698	Sequence 698, App	C 953	14.8	1.5	18	1	US-10-453-827-60	Sequence 60, Appl
880	15.4	1.6	17	1	US-10-238-700-709	Sequence 709, App	954	14.6	1.5	41	1	US-10-453-827-59	Sequence 59, Appl
881	15.4	1.6	17	1	US-10-238-700-716	Sequence 716, App	955	14.6	1.5	16	1	US-09-263-959-472	Sequence 472, App
882	15.4	1.6	17	1	US-10-238-700-718	Sequence 718, App	C 956	14.4	1.5	16	1	US-10-255-434-5	Sequence 5, Appl
883	15.4	1.6	17	1	US-10-238-700-3276	Sequence 3276, Ap	C 957	14.4	1.5	16	1	US-10-255-434-17	Sequence 17, Appl
C 884	15.4	1.6	17	1	US-10-339-782-318	Sequence 318, App	958	14.4	1.5	16	1	US-10-091-281-125	Sequence 125, App
C 885	15.4	1.6	17	1	US-10-339-782-320	Sequence 320, App	C 959	14.4	1.5	16	1	US-10-091-281-319	Sequence 319, App
C 886	15.4	1.6	17	1	US-10-339-782-424	Sequence 424, App	960	14.4	1.5	16	1	US-10-092-885-9	Sequence 9, Appl
C 887	15.4	1.6	17	1	US-10-339-793-16	Sequence 16, Appl	C 961	14.4	1.5	16	1	US-10-092-885-23	Sequence 23, Appl
C 888	15.4	1.6	17	1	US-10-091-281-126	Sequence 126, App	C 962	14.4	1.5	16	1	US-10-092-885-45	Sequence 45, Appl
C 889	15.4	1.6	17	1	US-10-091-281-130	Sequence 130, App	C 963	14.4	1.5	16	1	US-10-317-444-456	Sequence 456, App
C 890	15.4	1.6	17	1	US-10-282-174-170	Sequence 142, App	C 964	14.4	1.5	16	1	US-10-317-444-457	Sequence 457, App
C 891	15.4	1.6	18	1	US-09-863-806-142	Sequence 142, App	C 965	14.4	1.5	16	1	US-10-317-444-458	Sequence 458, App
C 892	15.4	1.6	18	1	US-10-089-887-4	Sequence 4, Appl	966	14.4	1.5	16	1	US-09-864-785-333	Sequence 333, App
C 893	15.4	1.6	18	1	US-10-187-975-133	Sequence 133, App	C 967	14.4	1.5	16	1	US-09-864-785-334	Sequence 334, App
C 894	15.4	1.6	18	1	US-10-469-277-4	Sequence 4, Appl	968	14.4	1.5	17	1	US-10-156-306-538	Sequence 538, App
895	15.4	1.6	18	1	US-10-010-802-81	Sequence 81, Appl	969	14.4	1.5	17	1	US-10-156-306-538	Sequence 538, App
896	15.4	1.6	18	1	US-10-198-069-40	Sequence 40, Appl	970	14.4	1.5	17	1	US-10-156-306-545	Sequence 545, App
C 897	15.4	1.6	18	1	US-10-091-281-142	Sequence 142, App	971	14.4	1.5	17	1	US-10-156-306-555	Sequence 555, App
C 898	15.4	1.6	18	1	US-10-091-281-361	Sequence 361, App	972	14.4	1.5	17	1	US-10-156-306-556	Sequence 556, App
C 899	15.4	1.6	18	1	US-10-255-434-8	Sequence 8, Appl	973	14.4	1.5	17	1	US-10-156-306-566	Sequence 566, App
C 900	15.4	1.6	18	1	US-10-092-885-52	Sequence 52, App	974	14.4	1.5	17	1	US-10-156-306-1657	Sequence 1670, App
C 901	15.4	1.6	18	1	US-09-790-417-52	Sequence 252, App	975	14.4	1.5	17	1	US-10-156-306-2389	Sequence 2389, App
C 902	15.4	1.6	18	1	US-09-739-909-2	Sequence 2, Appl	976	14.4	1.5	17	1	US-10-156-306-2392	Sequence 2392, App
C 903	15.4	1.6	18	1	US-10-152-297-88	Sequence 88, Appl	977	14.4	1.5	17	1	US-10-156-306-2414	Sequence 2414, App
C 904	15.4	1.6	18	1	US-10-238-700-481	Sequence 481, App	978	14.4	1.5	17	1	US-10-156-306-2888	Sequence 2888, App
C 905	15.4	1.6	18	1	US-09-757-421-12	Sequence 12, Appl	979	14.4	1.5	17	1	US-10-156-306-3780	Sequence 3780, App
C 906	15.4	1.6	18	1	US-09-811-088-21	Sequence 21, Appl	980	14.4	1.5	17	1		
907	15.4	1.6	18	1			981	14.4	1.5	17	1		
908	15.4	1.6	18	1			982	14.4	1.5	17	1		
909	15.4	1.6	18	1				14.4	1.5	17	1		

983	14.4	1.5	17	1	US-10-156-306-3791	Sequence 3791, App	1056	13.8	1.4	17	1	US-10-156-306-528	Sequence 528, App
C 984	14.4	1.5	17	1	US-10-255-434-3	Sequence 3, Appl1	1057	13.8	1.4	17	1	US-10-156-306-534	Sequence 534, App
985	14.4	1.5	17	1	US-10-238-700-682	Sequence 682, App	1058	13.8	1.4	17	1	US-10-156-306-536	Sequence 536, App
986	14.4	1.5	17	1	US-10-238-700-681	Sequence 681, App	1059	13.8	1.4	17	1	US-10-156-306-541	Sequence 541, App
987	14.4	1.5	17	1	US-10-238-700-692	Sequence 692, App	1060	13.8	1.4	17	1	US-10-156-306-546	Sequence 546, App
988	14.4	1.5	17	1	US-10-238-700-700	Sequence 700, App	1061	13.8	1.4	17	1	US-10-156-306-552	Sequence 552, App
989	14.4	1.5	17	1	US-10-238-700-712	Sequence 712, App	1062	13.8	1.4	17	1	US-10-156-306-565	Sequence 565, App
990	14.4	1.5	17	1	US-10-238-700-719	Sequence 719, App	1063	13.8	1.4	17	1	US-10-156-306-572	Sequence 572, App
C 991	14.4	1.5	17	1	US-10-339-793-252	Sequence 252, App	1064	13.8	1.4	17	1	US-10-156-306-576	Sequence 576, App
C 992	14.4	1.5	17	1	US-10-428-275-355	Sequence 355, App	1065	13.8	1.4	17	1	US-10-156-306-1650	Sequence 1650, App
993	14.4	1.5	17	1	US-10-469-277-3	Sequence 3, Appl1	1066	13.8	1.4	17	1	US-10-156-306-1667	Sequence 1667, App
C 994	14.4	1.5	18	1	US-09-881-012-1	Sequence 1, Appl1	1067	13.8	1.4	17	1	US-10-156-306-1681	Sequence 1681, App
C 995	14.4	1.5	18	1	US-10-731-739-356	Sequence 356, App	1068	13.8	1.4	17	1	US-10-156-306-1690	Sequence 1690, App
996	14.2	1.4	41	1	US-10-035-833A-373	Sequence 373, App	1069	13.8	1.4	17	1	US-10-156-306-1693	Sequence 1693, App
997	14.2	1.4	41	1	US-10-035-833A-6523	Sequence 6523, App	1070	13.8	1.4	17	1	US-10-156-306-1694	Sequence 1694, App
C 998	14	1.4	14	1	US-09-179-538B-39	Sequence 39, Appl1	1071	13.8	1.4	17	1	US-10-156-306-1706	Sequence 1706, App
999	14	1.4	14	1	US-09-263-959-667	Sequence 667, App	1072	13.8	1.4	17	1	US-10-156-306-1707	Sequence 1707, App
1000	14	1.4	14	1	US-09-739-909-10	Sequence 10, Appl1	1073	13.8	1.4	17	1	US-10-156-306-1709	Sequence 1709, App
C1001	14	1.4	14	1	US-09-880-727-9	Sequence 9, Appl1	1074	13.8	1.4	17	1	US-10-156-306-1718	Sequence 1718, App
C1002	14	1.4	14	1	US-09-297-576A-39	Sequence 39, Appl1	1075	13.8	1.4	17	1	US-10-156-306-1721	Sequence 1721, App
1003	14	1.4	15	1	US-09-263-959-695	Sequence 695, App	1076	13.8	1.4	17	1	US-10-156-306-1721	Sequence 1721, App
1004	14	1.4	15	1	US-09-263-959-950	Sequence 950, App	1077	13.8	1.4	17	1	US-10-156-306-2403	Sequence 2403, App
1005	14	1.4	16	1	US-10-091-281-134	Sequence 134, App	1078	13.8	1.4	17	1	US-10-156-306-2406	Sequence 2406, App
1006	14	1.4	17	1	US-10-156-306-549	Sequence 549, App	1079	13.8	1.4	17	1	US-10-156-306-2419	Sequence 2419, App
1007	14	1.4	17	1	US-10-156-306-575	Sequence 575, App	1080	13.8	1.4	17	1	US-10-156-306-2877	Sequence 2877, App
1008	14	1.4	17	1	US-10-602-837-17	Sequence 17, Appl1	1081	13.8	1.4	17	1	US-10-156-306-2889	Sequence 2889, App
C1009	14	1.4	17	1	US-10-138-674-6194	Sequence 6194, App	1082	13.8	1.4	17	1	US-10-156-306-2891	Sequence 2891, App
C1010	14	1.4	17	1	US-10-138-674-6195	Sequence 6195, App	1083	13.8	1.4	17	1	US-10-156-306-3774	Sequence 3774, App
C1011	14	1.4	17	1	US-10-138-674-8504	Sequence 8504, App	1084	13.8	1.4	17	1	US-10-156-306-3781	Sequence 3781, App
C1012	14	1.4	17	1	US-10-287-949A-6194	Sequence 6194, App	1085	13.8	1.4	17	1	US-10-156-306-3782	Sequence 3782, App
C1013	14	1.4	17	1	US-10-287-949A-6195	Sequence 6195, App	1086	13.8	1.4	17	1	US-10-156-306-3787	Sequence 3787, App
C1014	14	1.4	17	1	US-10-287-949A-8504	Sequence 8504, App	1087	13.8	1.4	17	1	US-10-156-306-3789	Sequence 3789, App
C1015	14	1.4	42	1	US-10-198-069-34	Sequence 34, Appl1	1088	13.8	1.4	17	1	US-10-156-306-3799	Sequence 3799, App
C1016	14	1.4	60	1	US-10-198-069-29	Sequence 29, Appl1	1089	13.8	1.4	17	1	US-10-156-306-3800	Sequence 3800, App
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							1127	13.8	1.4	17	1	US-10-287-949A-1348	Sequence 1348, App
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c1140	13.4	1.4	1.4	16	1	US-10-092-885-24	Sequence 24, Appl
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c1171	12.8	1.3	1.3	16	1	US-09-829-855-111	Sequence 111, App
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c1175	12.8	1.3	1.3	16	1	US-09-843-676-131	Sequence 131, App
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c1177	12.8	1.3	1.3	16	1	US-09-438-486-131	Sequence 131, App
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c1196	12.8	1.3	1.3	16	1	US-10-203-780-9	Sequence 9, Appl
c1197	12.8	1.3	1.3	16	1	US-10-236-363A-40	Sequence 40, Appl
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c1209	12.8	1.3	1.3	16	1	US-10-607-077A-16	Sequence 36, Appl
c1210	12.8	1.3	1.3	16	1	US-10-607-077A-111	Sequence 111, App
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; Sequence 30, Application US/10198069							
; Publication No. US20030096756A1							
; GENERAL INFORMATION:							
; APPLICANT: AVERBACK, PAUL							
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER							
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF							
; TITLE OF INVENTION: CELLS							
; FILE REFERENCE: 59003.000009							
; CURRENT APPLICATION NUMBER: US/10/198, 069							
; CURRENT FILING DATE: 2002-07-19							
; PRIOR APPLICATION NUMBER: 60/306,161							
; PRIOR FILING DATE: 2001-07-19							
; PRIOR APPLICATION NUMBER: 60/306,150							
; PRIOR FILING DATE: 2001-07-19							
; PRIOR APPLICATION NUMBER: 60/331,477							
; PRIOR FILING DATE: 2001-11-16							
; NUMBER OF SEQ ID NOS: 48							
; SOFTWARE: PatentIn Ver. 2.1							
; SEQ ID NO 30							
; LENGTH: 57							
; TYPE: DNA							
; ORGANISM: Artificial Sequence							
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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic							
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Best Local Similarity 100.0%; Pred.No. 4.5;							
Matches 57; Conservative 0; Mismatches 0; Indels 0; Gaps 0							
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US-10-198-069-31							
; Sequence 31, Application US/10198069							
; Publication No. US20030096756A1							
; GENERAL INFORMATION:							
; APPLICANT: AVERBACK, PAUL							
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER							
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF							
; TITLE OF INVENTION: CELLS							
; FILE REFERENCE: 59003.000009							
; CURRENT APPLICATION NUMBER: US/10/198, 069							
; CURRENT FILING DATE: 2002-07-19							
; PRIOR APPLICATION NUMBER: 60/306,161							
; PRIOR FILING DATE: 2001-07-19							
; PRIOR APPLICATION NUMBER: 60/306,150							
; PRIOR FILING DATE: 2001-07-19							
; PRIOR APPLICATION NUMBER: 60/331,477							
; PRIOR FILING DATE: 2001-11-16							
; NUMBER OF SEQ ID NOS: 48							

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 57
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-31

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Best Local Similarity 100.0%; Pred. No. 4.5;
Matches 57; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 3
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; Sequence 575, Application US/09764887
; Patent No. US20020042096A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P413
; CURRENT APPLICATION NUMBER: US/09/764,887
; PRIOR FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 658
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 575
; LENGTH: 66
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-575

Query Match          5.7%; Score 56.4; DB 1; Length 66;
Best Local Similarity 90.9%; Pred. No. 5.9;
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Qy      1130  TGACCT 1135
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RESULT 4
US-10-073-961-575
; Sequence 575, Application US/10073961
; Publication No. US2003007602A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: P413C1
; CURRENT APPLICATION NUMBER: US/10/073,961
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/764,887
; PRIOR FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
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; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
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; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
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; PRIOR FILING DATE: 2000-08-14
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; PRIOR FILING DATE: 2000-07-14
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; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/241,809
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; PRIOR APPLICATION NUMBER: 60/249,299
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; PRIOR FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: 60/225,268
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; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: 60/251,856
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/251,868
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/229,344
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/234,997
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: 60/229,343
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,345
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,287
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: 60/229,513
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/231,413
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 60/229,509
; PRIOR FILING DATE: 2000-09-05
; PRIOR APPLICATION NUMBER: 60/236,367
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PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: 60/237,039
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,038
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/236,370
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: 60/236,802
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,037
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,040
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/240,960
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/239,935
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: 60/239,937
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: 60/241,787
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/246,474
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 60/246,532
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 60/249,216
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,210
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/226,681
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 60/225,759
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/225,213
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/227,182
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 60/225,214
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/235,836
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/230,438
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/215,135
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: 60/225,266
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/249,218
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,208
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,213
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,212
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,207
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,245
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,244
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,217
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,211
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,215
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,264
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,214
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,297
PRIOR FILING DATE: 2000-11-17

PRIOR APPLICATION NUMBER: 60/232,400
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/231,242
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/232,081
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/232,080
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/231,414
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/231,244
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/233,064
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/233,063
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/232,397
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/232,399
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/232,401
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/241,808
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,826
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,786
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,221
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/246,475
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 60/231,243
PRIOR FILING DATE: 2000-09-08

Query Match 5 7%; Score 56.4; DB 1; Length 66;
Best Local Similarity 90.9%; Pred. No. 5.9; Indels 0; Gaps 0;
Matches 60; Conservative 0; Mismatches

QY 1070 TTTTGTATTTTCATTAGAGCGGGGTTTCACCATTTTGTACAGGCTGTCGAACTCC 1129
Db 1 TTTTGTATTTTATAGTAGAGCGGGGTTTCACCATTTTGTACAGGCTGTCGAACTCC 60
QY 1130 TGACCT 1135
Db 61 TGACCT 66

RESULT 5
US-10-457-839-35/c
Sequence 35, Application US/10457839
Publication No. US20040014115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
APPLICANT: Hendrickson, Brant C
APPLICANT: Ward, Benjamin
APPLICANT: Pruss, Dmitry
TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
PRIOR FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: 60/387,132
PRIOR FILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: 60/402,430
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: PatentIn version 3.2
SEQ ID NO 35
LENGTH: 66
TYPE: DNA
ORGANISM: Homo sapiens
US-10-457-839-35
```



```
/ Publication No. US20040014115A1
/ GENERAL INFORMATION:
/ APPLICANT: Myriad Genetics, Incorporated
/ APPLICANT: Scholl, Thomas
/ APPLICANT: Hendrickson, Brant C
/ APPLICANT: Ward, Benjamin
/ APPLICANT: Pruss, Dmitry
/ TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
/ FILE REFERENCE: 3002.03
/ CURRENT FILING DATE: 2003-06-09
/ PRIOR APPLICATION NUMBER: 60/387,132
/ PRIOR FILING DATE: 2002-06-07
/ PRIOR APPLICATION NUMBER: 60/402,430
/ PRIOR FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 93
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 34
/ LENGTH: 56
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-457-839-34

Query Match      4.9%; Score 48.6; DB 1; Length 56;
Best Local Similarity 92.7%; Pred. No. 16;
Matches 51; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      693 CCGGGGTCAAGTATTCTCTGCGCCGAGCTCTGAGTGTGAGTACAGGC 747
DB      56 CCGGGGTCAAGCAATTCCTGCTCTGAGTGTGAGTACAGGC 2

RESULT 11
US-10-457-839-25/C
/ Sequence 25, Application US/10457839
/ Publication No. US20040014115A1
/ GENERAL INFORMATION:
/ APPLICANT: Myriad Genetics, Incorporated
/ APPLICANT: Scholl, Thomas
/ APPLICANT: Hendrickson, Brant C
/ APPLICANT: Ward, Benjamin
/ APPLICANT: Pruss, Dmitry
/ TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
/ FILE REFERENCE: 3002.03
/ CURRENT APPLICATION NUMBER: US/10/457,839
/ CURRENT FILING DATE: 2003-06-09
/ PRIOR APPLICATION NUMBER: 60/387,132
/ PRIOR FILING DATE: 2002-06-07
/ PRIOR APPLICATION NUMBER: 60/402,430
/ PRIOR FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 93
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 25
/ LENGTH: 49
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-457-839-25

Query Match      4.8%; Score 47.4; DB 1; Length 49;
Best Local Similarity 98.0%; Pred. No. 17;
Matches 48; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
/ TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
/ FILE REFERENCE: P-EA 4672
/ CURRENT APPLICATION NUMBER: US/09/922,225A
/ CURRENT FILING DATE: 2003-01-14
/ NUMBER OF SEQ ID NOS: 117
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 59
/ LENGTH: 51
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-922-225A-59

Query Match      4.6%; Score 45.8; DB 1; Length 51;
Best Local Similarity 92.2%; Pred. No. 22;
Matches 47; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      689 GCCTCCCGGGTCAAGTATTCTCTGCGCCGAGCTCTGAGTGTGAGGA 739
DB      1 GCCTCCCGGGTCAAGCAATTCCTGCTCTGAGTGTGAGTGTGAGGA 51

RESULT 13
US-10-457-839-33/C
/ Sequence 33, Application US/10457839
/ Publication No. US20040014115A1
/ GENERAL INFORMATION:
/ APPLICANT: Myriad Genetics, Incorporated
/ APPLICANT: Scholl, Thomas
/ APPLICANT: Hendrickson, Brant C
/ APPLICANT: Ward, Benjamin
/ APPLICANT: Pruss, Dmitry
/ TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
/ FILE REFERENCE: 3002.03
/ CURRENT APPLICATION NUMBER: US/10/457,839
/ CURRENT FILING DATE: 2003-06-09
/ PRIOR APPLICATION NUMBER: 60/387,132
/ PRIOR FILING DATE: 2002-06-07
/ PRIOR APPLICATION NUMBER: 60/402,430
/ PRIOR FILING DATE: 2002-08-09
/ NUMBER OF SEQ ID NOS: 93
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 33
/ LENGTH: 50
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-457-839-33

Query Match      4.4%; Score 43.6; DB 1; Length 50;
Best Local Similarity 92.0%; Pred. No. 30;
Matches 46; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      695 CGGGTCAAGTATTCTCTGCGCCGAGCTCTGAGTGTGAGTGTGAGGA 744
DB      50 CGGGTCAAGCAATTCCTGCTCTGAGTGTGAGTGTGAGTGTGAGGA 1

RESULT 14
US-09-922-225A-20/C
/ Sequence 20, Application US/09922225A
/ Publication No. US20030104385A1
/ GENERAL INFORMATION:
/ APPLICANT: Evans, Glen A.
/ TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
/ FILE REFERENCE: P-EA 4672
/ CURRENT APPLICATION NUMBER: US/09/922,225A
/ CURRENT FILING DATE: 2003-01-14
/ NUMBER OF SEQ ID NOS: 117
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 20
/ LENGTH: 51
/ TYPE: DNA
```



```
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-198-069-34
```

```
Query Match          4.2%; Score 42; DB 1; Length 42;
Best Local Similarity 100.0%; Pred. No. 32;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      708 TTCTCTGCCCCAGCCTCCGAGTAGCTGGAGCTACAGGCGC 749
Db      1 TTCTCTGCCCCAGCCTCCGAGTAGCTGGAGCTACAGGCGC 42
```

```
RESULT 19
US-10-131-827-7754/C
Sequence 7754, Application US/10131827
Publication No. US20040009479A1
GENERAL INFORMATION:
APPLICANT: Wohlgemuth, Jay
APPLICANT: Fry, Kirk
APPLICANT: Woodward, Robert
```

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APPLICANT: Ly, Ngoc
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
FILE REFERENCE: 506612000120
CURRENT APPLICATION NUMBER: US/10/131,827
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US 10/006,290
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: US 60/236,764
PRIOR FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 9090
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7754
LENGTH: 50
TYPE: DNA
ORGANISM: Homo sapiens
US-10-131-827-7754
```

```
Query Match          4.2%; Score 42; DB 1; Length 50;
Best Local Similarity 90.0%; Pred. No. 39;
Matches 45; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      927 GAATTCACCTCTGTATCCAGCGCTGAGTGAATGCCAATCTCGGCTC 976
Db      50 GAATTCACCTCTGTATCCAGCGCTGAGTGAATGCCAATCTCGGCTC 1
```

```
RESULT 20
US-10-393-815-84/C
Sequence 84, Application US/10393815
Publication No. US20030224413A1
GENERAL INFORMATION:
APPLICANT: Shimkova, Richard A
APPLICANT: Leach, Martin
```

```
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide Polymorphisms
FILE REFERENCE: 15966-5348
CURRENT APPLICATION NUMBER: US/10/393,815
CURRENT FILING DATE: 2003-03-20
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 320
SOFTWARE: Curagen Patent Formatter Version 0.9
SEQ ID NO 84
LENGTH: 51
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: allele
LOCATION: (26)...(0)
```

```
OTHER INFORMATION: single nucleotide polymorphism
FEATURE:
NAME/KEY: misc.feature
LOCATION: (0)...(0)
OTHER INFORMATION: Accession number CG43950545
US-10-393-815-84
```

```
Query Match          4.2%; Score 42; DB 1; Length 51;
Best Local Similarity 90.0%; Pred. No. 39;
Matches 45; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      356 TGAGCTCAGACATCCACCTGCTCAGCTCCCAAGTGTGGAATTACA 405
Db      50 TGAGCTCAGACATCCACCTGCTCAGCTCCCAAGTGTGGAATTACA 1
```

```
RESULT 21
US-10-349-143-3767/C
Sequence 3767, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
```

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APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET 020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 3767
LENGTH: 47
TYPE: DNA
ORGANISM: Homo Sapiens
```

```
FEATURE:
NAME/KEY: allele
LOCATION: 24
OTHER INFORMATION: 99-11878-212 : polymorphic base C or T
US-10-349-143-3767
```

```
Query Match          4.2%; Score 41.8; DB 1; Length 47;
Best Local Similarity 91.5%; Pred. No. 37;
Matches 43; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      673 GCTCACTGCAACTCTGCTCCGCGGTCAAGTATTCTCGGCCCC 719
Db      47 GCTCACTGCAACTCTGCTCCGCGGTCAAGTATTCTCGGCCCC 1
```

```
RESULT 22
US-10-457-839-5/C
Sequence 5, Application US/10457839
Publication No. US20040004115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
```

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APPLICANT: Hendrickson, Brant C
APPLICANT: Ward, Benjamin
TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
CURRENT FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: 60/387,132
PRIOR FILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: 60/402,430
```

PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5
LENGTH: 48
TYPE: DNA
ORGANISM: Homo sapiens
US-10-457-839-5

Query Match 4.2%; Score 41.6; DB 1; Length 48;
Best Local Similarity 91.7%; Pred. No. 39;
Matches 44; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 696 GGGTCAAGTATTCCTCCGAGCCCTCCGAGAGCTGGAGCTAC 743
DB 48 GGGTCAAGCAATTCCTCCGAGCCCTCCGAGAGCTGGAGCTAC 1

RESULT 23
US-10-393-815-32/C

Sequence 32, Application US/10393815
Publication No. US20030224413A1
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A
APPLICANT: Leach, Martin
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide Polymorphisms
TITLE OF INVENTION: And Methods of Use Thereof
FILE REFERENCE: 15966-534B
CURRENT APPLICATION NUMBER: US/10/393,815
CURRENT FILING DATE: 2003-03-20
PRIOR APPLICATION NUMBER: 60/109,024
PRIOR FILING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 320
SOFTWARE: Curagen Patent Formatter Version 0.9
SEQ ID NO 32
LENGTH: 51
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: allele
LOCATION: (26)...(0)
OTHER INFORMATION: single nucleotide polymorphism
FEATURE:
NAME/KEY: misc feature
LOCATION: (0)...(0)
OTHER INFORMATION: Accession number CG43957170
US-10-393-815-32

Query Match 4.2%; Score 41.4; DB 1; Length 51;
Best Local Similarity 88.2%; Pred. No. 43;
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1087 GAGCGCGGGTTTACCATTTTGTCAAGGCTGTTCAAACTCTGACCTCA 1137
DB 51 GAGCGCGGGTTTACCATTTTGTCAAGGCTGTTCAAACTCTGACCTCA 1

RESULT 24
US-10-457-839-15

Sequence 15, Application US/10457839
Publication No. US20040014115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
APPLICANT: Hendrickson, Brant C
APPLICANT: Ward, Benjamin
APPLICANT: Pruss, Dmitry
TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
CURRENT FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: 60/387,132
PRIOR FILING DATE: 2002-06-07

PRIOR APPLICATION NUMBER: 60/402,430
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: PatentIn version 3.2
SEQ ID NO 15
LENGTH: 49
TYPE: DNA
ORGANISM: Homo sapiens
US-10-457-839-15

Query Match 4.1%; Score 41; DB 1; Length 49;
Best Local Similarity 89.8%; Pred. No. 44;
Matches 44; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 843 CCTGCTCGGCGCTCCCAAGGCTGGAGTATACAGCGCTGACCCACAG 891
DB 1 CCTGCTCGGCGCTCCCAAGGCTGGAGTATACAGGTGTGACCATCCG 49

RESULT 25
US-09-922-225A-61/C

Sequence 61, Application US/0992225A
Publication No. US20030104385A1
GENERAL INFORMATION:
APPLICANT: Evans, Glen A.
TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
TITLE OF INVENTION: Associated with Bipolar Disorder
FILE REFERENCE: P-EA 4672
CURRENT APPLICATION NUMBER: US/09/922,225A
CURRENT FILING DATE: 2003-01-14
NUMBER OF SEQ ID NOS: 117
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 61
LENGTH: 51
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-225A-61

Query Match 4.1%; Score 41; DB 1; Length 51;
Best Local Similarity 86.3%; Pred. No. 46;
Matches 44; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 698 GTTCAAGTATTCCTCCGAGCCCTCCGAGAGCTGGAGCTACAGCG 748
DB 51 GTTCAAGCAATTCCTCCGAGCTCCGAGCTGAGTACGAGCTACAGCG 1

RESULT 26
US-10-457-839-3/C

Sequence 3, Application US/10457839
Publication No. US20040014115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
APPLICANT: Hendrickson, Brant C
APPLICANT: Ward, Benjamin
APPLICANT: Pruss, Dmitry
TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
CURRENT FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: 60/387,132
PRIOR FILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: 60/402,430
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3
LENGTH: 42
TYPE: DNA
ORGANISM: Homo sapiens
US-10-457-839-3

Query Match 4.1%; Score 40.4; DB 1; Length 42;
Best Local Similarity 97.6%; Pred. No. 41;
Matches 41; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
DB 834 TGTGATCTGCTGCTCGGCTCCCAAGTGTGGGATTACA 875
42 TGTGATCTGCTGCTCGGCTCCCAAGTGTGGGATTACA 1

RESULT 27
US-10-131-827-7618/C
; Sequence 7618, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fey, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7618
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-7618

Query Match 4.1%; Score 40.4; DB 1; Length 50;
Best Local Similarity 88.0%; Pred. No. 49;
Matches 44; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
DB 1052 GCCACGACGCGGCTAATTTGTATTTCATTAGAGGCGGCTTTCAC 1101
50 GCCACGACGCGGCTAATTTGTATTTCATTAGAGGCGGCTTTCAC 1

RESULT 28
US-10-349-143-2999
; Sequence 2999, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 2999
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-21516-293 : polymorphic base G or T

US-10-349-143-2999
Query Match 4.1%; Score 40.2; DB 1; Length 47;
Best Local Similarity 89.4%; Pred. No. 47;
Matches 42; Conservative 1; Mismatches 4; Indels 0; Gaps 0;
DB 839 TCTGCTGCTGCTCGGCTCCCAAGTGTGGGATTACAGCGGTGAGCC 885
1 TCTGCTGCTGCTCGGCTCCCAAGTGTGGGATTACAGCGGTGAGCC 47

RESULT 29
US-10-035-833A-382/C
; Sequence 382, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; PRIOR FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 382
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-382

Query Match 4.0%; Score 39.6; DB 1; Length 41;
Best Local Similarity 97.5%; Pred. No. 45;
Matches 39; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
DB 846 GCCTCGGCTCCCAAGTGTGGGATTACAGCGGTGAGCC 885
40 GCCTCGGCTCCCAAGTGTGGGATTACAGCGGTGAGCC 1

RESULT 30
US-10-035-833A-6413/C
; Sequence 6413, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; PRIOR FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6413
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6413

Query Match 4.0%; Score 39.6; DB 1; Length 41;
Best Local Similarity 97.5%; Pred. No. 45;
Matches 39; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
DB 846 GCCTCGGCTCCCAAGTGTGGGATTACAGCGGTGAGCC 885
40 GCCTCGGCTCCCAAGTGTGGGATTACAGCGGTGAGCC 1

RESULT 31
US-10-198-069-46

```
; Sequence 46, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 46
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-46

Query Match      3.9%; Score 39; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      537 CCTGCTCAGCTCCCAAGTACTGGAGCCAAAGCATG 575
DB      1 CCTGCTCAGCTCCCAAGTACTGGAGCCAAAGCATG 39

RESULT 32
US-10-198-069-47
; Sequence 47, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 47
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-47

Query Match      3.9%; Score 39; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 39; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      843 CCTGCTCAGCTCCCAAGTACTGGAGTTACAGGCGTG 881
DB      1 CCTGCTCAGCTCCCAAGTACTGGAGTTACAGGCGTG 39
```

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RESULT 33
US-10-035-833A-1310
; Sequence 1310, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1310
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-1310

Query Match      3.9%; Score 39; DB 1; Length 41;
Best Local Similarity 95.1%; Pred. No. 49;
Matches 39; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      676 CACTGCAACCTCTGCTCCCGGGTTCAAGTTATTCCTCTGC 716
DB      1 CACTGCAACCTCTGCTCCCGGGTTCAAGTTATTCCTCTGC 41

RESULT 34
US-10-035-833A-7567
; Sequence 7567, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7567
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-7567

Query Match      3.9%; Score 39; DB 1; Length 41;
Best Local Similarity 95.1%; Pred. No. 49;
Matches 39; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      676 CACTGCAACCTCTGCTCCCGGGTTCAAGTTATTCCTCTGC 716
DB      1 CACTGCAACCTCTGCTCCCGGGTTCAAGTTATTCCTCTGC 41

RESULT 35
US-10-349-143-2353
; Sequence 2353, Application US/10349143
; Publication No. US2004005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
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; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-04-21
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-10573-375 : polymorphic base G or A
US-10-349-143-2353

Query Match
Best Local Similarity 3.9%; Score 38.8; DB 1; Length 47;
Matches 40; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1006 GATTCCTCTGTCTCAGCTCCAGCAAGCTGGGATTACGGGCGC 1049
DB 2 GATTCCTCTGTCTCAGCTCCAGCAAGCTGGGATTACAGGCGAC 45

RESULT 36
US-10-349-143-1321/c
; Sequence 1321, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 0200CP1
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-22844-211 : polymorphic base A or G
US-10-349-143-1321

Query Match
Best Local Similarity 3.8%; Score 38; DB 1; Length 47;
Matches 38; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 673 GCTCAGCAACCTCTCCCGGGGTTCAAGTATTCTC 712
DB 46 GCTCAGCAACCTCTCTCTCGGGTTCAAGTATTCTC 7

RESULT 37
US-10-457-839-1
; Sequence 1, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
```

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; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 42
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-1

Query Match
Best Local Similarity 3.8%; Score 37.8; DB 1; Length 42;
Matches 39; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 848 CTCGGCTCTCCAAAGTCTGGGATTACAGGCGTGAAGCC 888
DB 2 CTCGGCTCTCCAAAGTCTGGGATTACAGGCGTGAAGCCATC 42

RESULT 38
US-10-035-833A-373/c
; Sequence 373, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 373
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-373

Query Match
Best Local Similarity 3.6%; Score 35.8; DB 1; Length 41;
Matches 37; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 198 CATGTTGTCAGGCTGTCTCGAATCTCCGACTTCAGATGA 238
DB 41 CATGTTGCCAGGCTGTCTCGAATCTCCGACTTCAGATGA 1

RESULT 39
US-10-035-833A-907/c
; Sequence 907, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
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; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 907
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-907

Query Match      3.6%; Score 35.8; DB 1; Length 41;
Best Local Similarity 94.9%; Pred. No. 79;
Matches 37; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1045 GGCACCTGCACACACCCCGCTAATTTTGTATTTC A 1083
Db      40 GGCACATGCCACACACCCCGCTAATTTTGTATTTC A 2

RESULT 40
US-10-035-833A-2293
; Sequence 2293, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035, 833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 2293
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-2293

Query Match      3.6%; Score 35.8; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 79;
Matches 37; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Oy      643 CCCAGCTGAGTGCAGTGGCCGCAATCTTGCTCACTGCA A 683
Db      1 CCCAGCTGAGTGCAGTGGGAGATCTTGCTCACTGCA A 41

RESULT 41
US-10-035-833A-6019
; Sequence 6019, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035, 833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 6019
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6019

Query Match      3.6%; Score 35.8; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 79;
Matches 37; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Oy      198 CATGTTGTCAGGCTGTCTCGAATCCGACCTCAGATGA 238
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Db      1 CGTGTGTCAGGCTGTCTCGAATCCGACCTCAGATGA A 41

RESULT 42
US-10-035-833A-6523/c
; Sequence 6523, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035, 833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 6523
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6523

Query Match      3.6%; Score 35.8; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 79;
Matches 37; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Oy      198 CATGTTGTCAGGCTGTCTCGAATCCGACCTCAGATGA 238
Db      41 CATGTTGTCAGGCTGTCTCGAATCCGACCTCAGATGA 1

RESULT 43
US-10-035-833A-6915/c
; Sequence 6915, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035, 833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 6915
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6915

Query Match      3.6%; Score 35.8; DB 1; Length 41;
Best Local Similarity 94.9%; Pred. No. 79;
Matches 37; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy      1045 GGCACCTGCACACACCCCGCTAATTTTGTATTTC A 1083
Db      40 GGCACATGCCACACACCCCGCTAATTTTGTATTTC A 2

RESULT 44
US-10-035-833A-3699
; Sequence 3699, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
```

TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3699
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens
US-10-035-833A-3699

Query Match 3.6%; Score 35.4; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 84;
Matches 36; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCGCAATCTTGGCTCACTGCA 683
DB 1 CCCAGGCTGAGTGCAGTGGCGCAATCTTGGCTCACTGCA 41

RESULT 45
US-10-035-833A-6495
Sequence 6495, Application US/10035833A
Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuhio
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6495
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens
US-10-035-833A-6495

Query Match 3.6%; Score 35.4; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 84;
Matches 36; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCGCAATCTTGGCTCACTGCA 683
DB 1 CCCAGGCTGAGTGCAGTGGCGCAATCTTGGCTCACTGCA 41

RESULT 46
US-10-035-833A-1335/C
Sequence 1335, Application US/10035833A
Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuhio
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1335
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens
US-10-035-833A-1335

Query Match 3.5%; Score 34.8; DB 1; Length 41;

Best Local Similarity 90.0%; Pred. No. 91;
Matches 36; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTTGGCTCACTGCAACCTCTGCTCCCGGGTTCAAGTTAT 708
DB 40 CTTGGCTCACTGCAACCTCTGCTCCCGGGTTCAAGTTAT 1

RESULT 47
US-10-035-833A-7543/C
Sequence 7543, Application US/10035833A
Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuhio
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 7543
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens
US-10-035-833A-7543

Query Match 3.5%; Score 34.8; DB 1; Length 41;
Best Local Similarity 90.0%; Pred. No. 91;
Matches 36; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 669 CTTGGCTCACTGCAACCTCTGCTCCCGGGTTCAAGTTAT 708
DB 40 CTTGGCTCACTGCAACCTCTGCTCCCGGGTTCAAGTTAT 1

RESULT 48
US-10-453-827-60/C
Sequence 60, Application US/10453827
Publication No. US20040033582A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0211 NP
CURRENT APPLICATION NUMBER: US/10/453,827
CURRENT FILING DATE: 2003-06-03
PRIOR APPLICATION NUMBER: U.S. 60/384,980
PRIOR FILING DATE: 2002-06-03
NUMBER OF SEQ ID NOS: 1219
SOFTWARE: PatentIn version 3.2
SEQ ID NO 60
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens
US-10-453-827-60

Query Match 3.5%; Score 34.6; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 94;
Matches 37; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCGCAATCTTGGCTCACTGCA 683
DB 41 CCCAGGCTGAGTGCAGTGGCGCAATCTTGGCTCACTGCA 1

RESULT 49
US-10-453-827-62
Sequence 62, Application US/10453827
Publication No. US20040033582A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company

```

; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 62
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-62

Query Match          3.5%; Score 34.6; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 94;
Matches 37; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      557 AGCTGGACCAAGAAGACATGACCACTAGACCTGCTAATTT 597
DB      1  AGCTGGATTACAGACATGACCACTAGACCACTGCTAATTT 41

RESULT 50
US-10-453-827-207/c
; Sequence 207, Application US/10453827
; Publication No. US20040033582A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 207
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-207

Query Match          3.5%; Score 34.6; DB 1; Length 41;
Best Local Similarity 90.2%; Pred. No. 94;
Matches 37; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY      643 CCCAGGCTGAGTGCAGTGGCGCAATCTTGCTCACTGCAA 683
DB      41  CCCAGGCTGAGTGCAGTGGCGCAATCTCAGCTCACTGCAA 1

RESULT 51
US-10-035-833A-344
; Sequence 344, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 344
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-344
```

```

Query Match          3.5%; Score 34.2; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 1e+02;
Matches 36; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY      643 CCCAGGCTGAGTGCAGTGGCGCAATCTTGCTCACTGCAA 683
DB      1  CCCAGGCTGAGTGCAGTGGCGCAATCTTGCTCACTGCAA 41

RESULT 52
US-10-035-833A-346
; Sequence 346, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 346
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-346

Query Match          3.5%; Score 34.2; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 1e+02;
Matches 36; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY      969 CTCGGCTCACTGCAACCTCTGCTCCCGGGCTCAAGGAT 1009
DB      1  CTCGGCTCACTGCAACCTCTGCTCCCGGGCTCAAGGAT 41
```

```

RESULT 53
US-10-035-833A-742
; Sequence 742, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 742
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-742

Query Match          3.5%; Score 34.2; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 1e+02;
Matches 36; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

OY      831 CCTTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 871
DB      1  CCTTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 41

RESULT 54
US-10-035-833A-6013
; Sequence 6013, Application US/10035833A
; Publication No. US20040072156A1
```

```

:
: GENERAL INFORMATION:
: APPLICANT: Nakamura, Yuhio
: APPLICANT: Sekine, Akihiro
: APPLICANT: Iida, Aritoshi
: APPLICANT: Saito, Osamu
: TITLE OF INVENTION: Detection of Genetic Polymorphisms
: FILE REFERENCE: PORS-06504
: CURRENT APPLICATION NUMBER: US/10/035, 833A
: CURRENT FILING DATE: 2001-12-27
: NUMBER OF SEQ ID NOS: 7669
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 6013
:
: LENGTH: 41
:
: TYPE: DNA
:
: ORGANISM: Homo sapiens
:
US-10-035-833A-6013

```

Query Match	3.5%	Score 34.2;	DB 1;	Length 41;
Best Local Similarity	87.8%;	Pred. No. 1e+02;		
Matches 36;	Conservative 1;	Mismatches 4;	Indels 0;	Gaps 0

```

Oy      992 TCCCCGGGCTCAAGCGATTCTCTGTCTCAGCCTCCCAAGCA 1032
          ||||| : |||||
Db      1 TCCCGGGTTCAGCGATTCTMCTGCTCAGCCTCCCGAGTA 41

```

RESULT 55
US-10-035-833A-6333
; Sequence 6333, Application US/10035833A
; Publication No. US20040072156A1

```

; APPLICANT: Sekine, Akihiro
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6353

```

ORGANISM: Homo sapiens
US-10-035-833A-6333

Query Match	3.5%	Score 34.2;	DB 1;	Length 41;
Best Local Similarity	87.8%;	Pred. No. 1e+02;		
Matches	36;	Conservative	1;	Mismatches 4;
			Indels	0;
			Gaps	0

```

Oy      831  CCTTGATCTGCTGCTGCTCGGCTCCCAAGTCTGGAT 871
          |||||  |||||  |||||  |||||  |||||
Db      1  CCTGTGATTGGCCACTCRGCTCCCAAAGTCTGGAT 41

```

RESULT 56
US-10-035-833A-6497

; Publication NO. US20040072156A1
; GENERAL INFORMATION:

APPLICANT: Sekine, Akihirc
; Iida, Aritoshi
APPLICANT: ;

;; TITLE OF INVENTION: Detection of Genetic Polymorphisms
;; FILE REFERENCE: FORS-06904

```

; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669

```

; SEQ ID NO 6497
; LENGTH: 41

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6497

```

Query Match	3.5%	Score 34.2;	DB 1;	length 41;
Best Local Similarity	87.8%;	Pred. No. 1e+02;		
Matches 36; Conservative	1;	Mismatches 4;	Indels 0;	Gaps 0

```
OY      969 CTGGCTACTGCAACTCTGCCTCCCGGGCTCAAGCATT 1009
          ||||| : ||||| ||||| ||
DB       1 CTGGCTACTGCAACTTCRCCTCCCGGTCAAGCAGTT 41
```

RESULT 57
US-10-035-833A-6496
; Sequence 6496, Application US/10035833A
; Publication No. US20040072156A1

```

1  APPLICANT: Nakamura, Yuhio
2  APPLICANT: Sekine, Akihiro
3  APPLICANT: Iida, Aritoshi
4  APPLICANT: Saito, Osamu
5  TITLE OF INVENTION: Detection of Genetic Polymorphisms
6  FILE REFERENCE: FORS-06504
7  CURRENT APPLICATION NUMBER: US/10/035,833A
8  CURRENT FILING DATE: 2001-12-27
9  NUMBER OF SEQ ID NOS: 7669
10 SOFTWARE: PatentIn version 3.2
11 SEQ ID NO 6496
12 LENGTH: 41
13 TYPE: DNA
14 ORGANISM: Homo sapiens
15 US-10-035-833A-6496

```

Query Match	3.4%	Score 33.8;	DB 1;	Length 41;
Best Local Similarity	85.4%	Pred. NO. 1.1e+02;		
Matches 35;	Conservative 2;	Mismatches 4;	Indels 0;	Gaps 0

```

Qy      651 GGAGTCAGTGGCGCAATCTTGCTCACTGCACCTCTGCC 693
          |||||:|||||:|||||:|||||:|||||:|||||:
Db      1  GGAGTGTACTGGYGTGATCTYGGCTCACTGCACCTCGGCC 41

```

RESULT 58
US-10-453-827-59/c
; Sequence 59, Application US/10453827
; Publication No. US20040033582A1

1 APPLICANT: Bristol-Myers Squibb Company
 2 TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMERISMS
 3 FILE REFERENCE: D0211 NP
 4 CURRENT APPLICATION NUMBER: US/10/453,827
 5 CURRENT FILING DATE: 2003-06-03
 6 PRIOR APPLICATION NUMBER: U.S. 60/384,980
 7 PRIOR FILING DATE: 2002-06-03
 8 NUMBER OF SEQ ID NOS: 1219
 9 SOFTWARE: PatentIn version 3.2

```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-59

```

Query Match	3.4%	Score 33.6;	DB 1;	Length 41;
Best Local Similarity	90.0%;	Pred. NO. 1.1e+02;		
Matches 36;	Conservative 0;	Mismatches 4;	Indels 0;	Gaps 0

QY 644 CCAGGCTGGAGTGCAGTGGCCGCAATCTTGGCTCACTGGCA 6833

Db 41 CCAGGCTGGAGTGCAGTGGTGCATCTCAGCTTCACTGGCA 2

RESULT 59

RESULT 59

```

US-10-198-069-36
: Sequence 36, Application US/10198069
: Publication No. US20030096756A1
: GENERAL INFORMATION:
: APPLICANT: AVERBACK, PAUL
: TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
: TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
: TITLE OF INVENTION: CELLS
: FILE REFERENCE: 59003.000009
: CURRENT APPLICATION NUMBER: US/10/198,069
: CURRENT FILING DATE: 2002-07-19
: PRIOR APPLICATION NUMBER: 60/306,161
: PRIOR FILING DATE: 2001-07-19
: PRIOR APPLICATION NUMBER: 60/306,150
: PRIOR FILING DATE: 2001-07-19
: PRIOR APPLICATION NUMBER: 60/331,477
: PRIOR FILING DATE: 2001-11-16
: NUMBER OF SEQ ID NOS: 48
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 36
: LENGTH: 33
: TYPE: DNA
: ORGANISM: Artificial Sequence
FEATURES:
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
: OTHER INFORMATION: oligonucleotide
US-10-198-069-36

```

Query Match	3.3%	Score 33	DB 1	Length 33
Best Local Similarity	100.0%	Pred. No. 95		
Matches	33	Conservative	0	Mismatches 0; Indels 0; Gaps 0
QY	378	CTCAGCCTCCCAAAGTCTGGGATTTACAGGCGT	410	
Db	1	CTCAGCCTCCCAAAGTCTGGGATTTACAGGCGT	33	

```

RESULT 60 2008
US-10-453-827-208
; Sequence 208, Application US/10453827
; Publication No. US20040033582A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 208
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-208

```

Query Match Similarity	3.3%	Score 33;	DB 1;	length 41;
Best Local Similarity	87.8%	Pred. No. 1.2e+02;		
Matches	36;	Conservative	0;	Mismatches 5; Indels 0; Gaps 0
QY	659	GTGGCGCAATCTTGGCTCACTGCAACCTCTGCTCCCGGGT	699	
Db	1	GTGGTGTATCTCGGCTCACTGCAACCTCTGCTCCCAAGT	41	

RESULT 61
US-10-453-827-209
; Sequence 209, Application US/10453827
; Publication No. US20040035582A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

```

? FILE REFERENCE: D0311 NP
? CURRENT APPLICATION NUMBER: US/10/453,827
? CURRENT FILING DATE: 2003-06-03
? PRIOR APPLICATION NUMBER: U.S. 60/384,980
? PRIOR FILING DATE: 2002-06-03
? NUMBER OF SEQ ID NOS: 1219
? SOFTWARE: PatentIn version 3.2
? SEQ ID NO 209
? LENGTH: 41
? TYPE: DNA
? ORGANISM: Homo sapiens
? US-10-453-827-209

```

```

Query Match          3.3%, Score 33; DB 13; Length 41;
Best Local Similarity 87.8%; Pred. No. 1.2e+02;
Matches 36; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      557 AGCTGGGACCAAGACATGCACCACTCACTACACTGGCTAATTT 597
          |||||
Db       1  AGCTGGGATTACAGACATGCCCACTACCACTGGCTAATTT 41

```

```

RESULT 62
US-10-035-833A-764/c
; Sequence 764, Application US/10035833A
; Publication No. US20040072156s1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035, 833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 764
;
; LENGTH: 41
;
; TYPE: DNA
;
; ORGANISM: Homo sapiens
US-10-035-833A-764

```

Query Match	3.3%	Score 33;	DB 1;	Length 41;
Best Local Similarity	87.8%	Pred. No. 1.2e+02;		
Matches	36;	Conservative	0;	Mismatches 5; Indels 0;
QY	361	TCAGACGTCACCTGCTCAGGCTCCCAAGTGTGGGAT	401	
DB	41	TCAGCATTGCGCTGCTGCGCTCCCAAGTGTGGGAT	1	

```

RESULT 63
US-10-035-833A-6355/c
Sequence 6355, Application US/10035833A
Publication No. US20040072155A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuhio
APPLICANT: Sekine, Akihito
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ. ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6355
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens
US-10-035-833A-6355

```

Query Match 3.3%; Score 33; DB 1; Length 41;
Best Local Similarity 87.8%; Pred. No. 1.2e+02;
Matches 36; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 361 TCACGACGTCACGCTCCAGCTCCCAAGGCTGGAGT 401
DB 41 TCACGACATGCTGCTTGGCTTGGCTTCCAAAGTCTGGAGT 1

RESULT 64
US-10-035-833A-2294
Sequence 2294, Application US/10035833A
Publication No. US20040072156A1

GENERAL INFORMATION:
APPLICANT: Nakamura, Yuhio
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2294
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens

US-10-035-833A-2294

Query Match 3.3%; Score 32.8; DB 1; Length 41;
Best Local Similarity 89.5%; Pred. No. 1.2e+02;
Matches 34; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 667 ATCTGGCTCAGTCGCAACCTCTCCCGGGTTCAAG 704
DB 4 ATCTGGCTCAGTCGCAATCTCCGCTCTCGATTCAAG 41

RESULT 65
US-10-035-833A-3700
Sequence 3700, Application US/10035833A
Publication No. US20040072156A1

GENERAL INFORMATION:
APPLICANT: Nakamura, Yuhio
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3700
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens

US-10-035-833A-3700

Query Match 3.3%; Score 32.8; DB 1; Length 41;
Best Local Similarity 89.5%; Pred. No. 1.2e+02;
Matches 34; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 667 ATCTGGCTCAGTCGCAACCTCTCCCGGGTTCAAG 704
DB 4 ATCTGGCTCAGTCGCAATCTCCGCTCTCGATTCAAG 41

RESULT 66
US-10-035-833A-5315
Sequence 5315, Application US/10035833A
Publication No. US20040072156A1

GENERAL INFORMATION:
APPLICANT: Nakamura, Yuhio
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5315
LENGTH: 40
TYPE: DNA
ORGANISM: Homo sapiens

US-10-035-833A-5315

Query Match 3.2%; Score 32; DB 1; Length 40;
Best Local Similarity 87.5%; Pred. No. 1.3e+02;
Matches 35; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1076 TATTTTCAATAGAGCGGGGTTTCAACATATTTGTCAGGC 1115
DB 1 TATTTTCAATAGAGCGGGGTTTCAACATATTTGTCAGGC 40

RESULT 67
US-10-091-281-359/c
Sequence 359, Application US/10091281
Publication No. US20030190617A1

GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
APPLICANT: MORISETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587,338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 359
LENGTH: 32
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif

US-10-091-281-359

Query Match 3.1%; Score 30.4; DB 1; Length 32;
Best Local Similarity 96.9%; Pred. No. 1.4e+02;
Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 860 AAGTGCTGGGATTACAGGCGGTGAGCCACCAAG 891
DB 32 AAGTGCTGGGATTACAGGCGGTGAGCCACCAAG 1

RESULT 68
US-09-964-666-9/c
Sequence 9, Application US/09964666
Patent No. US20020104108A1

GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Wands, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESSES:
ADDRESSER: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., Suite 600
CITY: Washington
STATE: DC

COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,666
FILING DATE: 28-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Bemdord, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0609.4370000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2540
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-964-666-9

Query Match 3.0%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 450 CACAGGTGCCACCTTACCCAGATGAA 479
DB 30 CACAGGTGCCACCTTACCCAGATGAA 1

RESULT 69
US-09-964-666-11/c
Sequence 11, Application US/09964666
Patent No. US20020104108A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Wands, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,666
FILING DATE: 28-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Bemdord, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0609.4370000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:

LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-964-666-11

Query Match 3.0%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 788 GATGGGTTCCACATGTTCCGAGTTGAT 817
DB 30 GATGGGTTCCACATGTTCCGAGTTGAT 1

RESULT 70
US-09-964-412-9/c
Sequence 9, Application US/09964412
Patent No. US20020129391A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Wands, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,412
FILING DATE: 28-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Bemdord, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0609.4370000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2540
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-964-412-9

Query Match 3.0%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 450 CACAGGTGCCACCTTACCCAGATGAA 479
DB 30 CACAGGTGCCACCTTACCCAGATGAA 1

RESULT 71
US-09-964-412-11/c
Sequence 11, Application US/09964412

Patent No. US20020129391A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Mands, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,412
FILING DATE: 28-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0609.4370000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-964-412-11
Query Match 3.0%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 788 GATGGGTTCCACATGTTGCCAGGTTGAT 817
DB 30 GATGGGTTCCACATGTTGCCAGGTTGAT 1
RESULT 72
US-09-964-667-9/c
Sequence 9, Application US/09964667
Publication No. US20030033621A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Mands, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,667
FILING DATE: 28-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0609.4370000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-964-667-9
Query Match 3.0%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 450 CACAGGTGCCACTCTTACCCAGATGAA 479
DB 30 CACAGGTGCCACTCTTACCCAGATGAA 1
RESULT 73
US-09-964-667-11/c
Sequence 11, Application US/09964667
Publication No. US20030033621A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Mands, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,667
FILING DATE: 28-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0609.4370000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-964-667-11

Query Match 3.0%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 788 GATGGGTTCCACCATGTTCCGACAGTTGAT 817
Db 30 GATGGGTTCCACCATGTTCCGACAGTTGAT 1

RESULT 74
US-09-964-678A-9/c
; Sequence 9, Application US/09964678A
; Publication No. US20030066097A1
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Mandes, Jack R.
; TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs
; TITLE OF INVENTION: Effective for the Treatment or Prevention of
; FILE REFERENCE: 0609.4370002
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/380,203
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: PCT/US98/03685
; PRIOR FILING DATE: 1998-02-26
; PRIOR APPLICATION NUMBER: 60/038,908
; PRIOR FILING DATE: 1997-02-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-964-678A-9

Query Match 3.0%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 450 CACAGTGTCCTTACCCAGATGAA 479
Db 30 CACAGTGTCCTTACCCAGATGAA 1

RESULT 75
US-09-964-678A-11/c
; Sequence 11, Application US/09964678A
; Publication No. US20030066097A1
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Mandes, Jack R.
; TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs
; TITLE OF INVENTION: Effective for the Treatment or Prevention of
; FILE REFERENCE: 0609.4370002
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/380,203
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: PCT/US98/03685
; PRIOR FILING DATE: 1998-02-26
; PRIOR APPLICATION NUMBER: 60/038,908
; PRIOR FILING DATE: 1997-02-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-964-678A-11

Query Match 3.0%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 788 GATGGGTTCCACCATGTTCCGACAGTTGAT 817
Db 30 GATGGGTTCCACCATGTTCCGACAGTTGAT 1

RESULT 76
US-10-198-069-37
; Sequence 37, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; FILE REFERENCE: 59003.000009
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-37

Query Match 3.0%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 720 AGCTCTGAGTACTGGGACTACAGGGCC 749
Db 1 AGCTCTGAGTACTGGGACTACAGGGCC 30

RESULT 77
US-10-091-281-140/c
; Sequence 140, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: US/10/091,281
; PRIOR FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 140
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif
US-10-091-281-140

Query Match 3.0%; Score 29.4; DB 1; Length 32;
Best Local Similarity 96.8%; Pred. No. 1.6e+02;
Matches 30; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 860 AAGTGTGGGATTACAGGCGTGGCCACAC 890
DB 32 AAGTGTGGGATTACAGGCGTGGCCACAC 2

RESULT 78

US-10-336-638-859
Sequence 859, Application US/10336638
Publication No. US20030170699A1
GENERAL INFORMATION:
APPLICANT: Pan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Aftymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 859
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: TBXA2REX3 599
US-10-336-638-859

Query Match 2.8%; Score 27.6; DB 1; Length 29;
Best Local Similarity 96.4%; Pred. No. 1.8e+02;
Matches 27; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGTGCAGTGGCGCATCT 670
DB 1 CCCAGGCTGAGTGCAGTGGCGCATCT 28

RESULT 79

US-10-091-281-317/c
Sequence 317, Application US/10091281
Publication No. US2003019061A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
APPLICANT: MORISSETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587,338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 317
LENGTH: 32
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative HOB0/HOGNESS.01 motif
US-10-091-281-317

Query Match 2.8%; Score 27.4; DB 1; Length 32;
Best Local Similarity 96.6%; Pred. No. 2.1e+02;
Matches 28; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 860 AAGTGTGGGATTACAGGCGTGGCCAC 888
DB 32 AAGTGTGGGATTACAGGCGTGGCCAC 4

RESULT 80

US-09-764-891-9495/c
Sequence 9495, Application US/09764891
Publication No. US20030077808A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC006
CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 10231
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 9495
LENGTH: 33
TYPE: DNA
ORGANISM: Homo sapiens
US-09-764-891-9495

Query Match 2.7%; Score 27.2; DB 1; Length 33;
Best Local Similarity 90.6%; Pred. No. 2.2e+02;
Matches 29; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 932 TCACCTGTGTACCCAGGCTGGAGTGCATGCG 963
DB 33 TCACCTGTGTGTACCCAGGCTGGAGTGCATGCG 2

RESULT 81

US-10-091-414-338/c
Sequence 338, Application US/10091414
Publication No. US20030224461A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: P116C1
CURRENT APPLICATION NUMBER: US/10/091,414
CURRENT FILING DATE: 2002-03-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 392
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 338
LENGTH: 33
TYPE: DNA
ORGANISM: Homo sapiens
US-10-091-414-338

Query Match 2.7%; Score 27.2; DB 1; Length 33;
Best Local Similarity 90.6%; Pred. No. 2.2e+02;
Matches 29; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 932 TCACCTGTGTACCCAGGCTGGAGTGCATGCG 963
DB 33 TCACCTGTGTGTACCCAGGCTGGAGTGCATGCG 2

RESULT 82

US-10-198-069-35
Sequence 35, Application US/10198069
Publication No. US20030096756A1
GENERAL INFORMATION:
APPLICANT: AVERBACK, PAUL
TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
FILE REFERENCE: 59003.000009
CURRENT APPLICATION NUMBER: US/10/198,069
CURRENT FILING DATE: 2002-07-19

PRIOR APPLICATION NUMBER: 60/306,161
PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/306,150
PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/331,477
PRIOR FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 35
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-35

Query Match 2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1017 CTCAGCTCCCAAGAGCTGGATTAC 1043
Db 1 CTCAGCTCCCAAGAGCTGGATTAC 27

RESULT 83

US-10-336-638-196
Sequence 196, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 196
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: APOC4 1287
US-10-336-638-196

Query Match 2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 2e+02;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 849 TCGGCTCCCAAGTGTGGATTACAGG 877
Db 1 TTGGCTCCCAAGTGTGGATTACAGG 29

RESULT 84

US-10-336-638-503
Sequence 503, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine

APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 503
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: GLUT4EX11 1005
US-10-336-638-503

Query Match 2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 2e+02;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 862 GTGCTGGATTACAGCGGTGAGCCACCAC 890
Db 1 GTGCTGGATTACAGCGGTGAGCCACCAC 29

RESULT 85

US-10-336-638-571
Sequence 571, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 571
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: HSTSCENE 3838
US-10-336-638-571

Query Match 2.7%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 2e+02;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 856 CCAAGTGTGGATTACAGCGGTGAGC 884
Db 1 CCAAGTGTGGATTACAGCGGTGAGC 29

RESULT 86

US-10-336-638-700
Sequence 700, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing

PRIOR APPLICATION NUMBER: 09/764,887
PRIOR FILING DATE: 2001-01-17
PRIOR APPLICATION NUMBER: 60/179,065
PRIOR FILING DATE: 2000-01-31
PRIOR APPLICATION NUMBER: 60/180,628
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: 60/214,886
PRIOR FILING DATE: 2000-06-28
PRIOR APPLICATION NUMBER: 60/217,487
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/225,758
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/220,963
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/217,496
PRIOR FILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/225,447
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/218,290
PRIOR FILING DATE: 2000-07-14
PRIOR APPLICATION NUMBER: 60/225,757
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/226,868
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 60/216,647
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 60/225,267
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/216,880
PRIOR FILING DATE: 2000-07-07
PRIOR APPLICATION NUMBER: 60/225,270
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/251,869
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/235,834
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/234,274
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: 60/234,223
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: 60/228,924
PRIOR FILING DATE: 2000-08-30
PRIOR APPLICATION NUMBER: 60/224,518
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/236,369
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: 60/224,519
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/220,964
PRIOR FILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/241,809
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/249,299
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/236,327
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: 60/241,785
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/244,617
PRIOR FILING DATE: 2000-11-01
PRIOR APPLICATION NUMBER: 60/225,268
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/236,368
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: 60/251,856
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/251,868
PRIOR FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: 60/229,344
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: 60/234,997
PRIOR FILING DATE: 2000-09-25
PRIOR APPLICATION NUMBER: 60/229,343

PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: 60/229,345
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: 60/229,287
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: 60/229,513
PRIOR FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 60/231,413
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/229,509
PRIOR FILING DATE: 2000-09-05
PRIOR APPLICATION NUMBER: 60/236,367
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: 60/237,039
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,038
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/236,370
PRIOR FILING DATE: 2000-09-29
PRIOR APPLICATION NUMBER: 60/236,802
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,037
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/237,040
PRIOR FILING DATE: 2000-10-02
PRIOR APPLICATION NUMBER: 60/240,960
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/239,935
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: 60/239,937
PRIOR FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: 60/241,787
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/246,474
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 60/246,532
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 60/249,216
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,210
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/226,681
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 60/225,759
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/225,213
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/227,182
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 60/225,214
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/235,836
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: 60/230,438
PRIOR FILING DATE: 2000-09-06
PRIOR APPLICATION NUMBER: 60/215,135
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: 60/225,266
PRIOR FILING DATE: 2000-08-14
PRIOR APPLICATION NUMBER: 60/249,218
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,208
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,213
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,212
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,207
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,245
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,244
PRIOR FILING DATE: 2000-11-17

PRIOR APPLICATION NUMBER: 60/249,217
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,211
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,215
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,264
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,214
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249,297
PRIOR FILING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/232,400
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/231,242
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/232,081
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/232,080
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/231,414
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/231,244
PRIOR FILING DATE: 2000-09-08
PRIOR APPLICATION NUMBER: 60/233,064
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/233,063
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/232,397
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/232,399
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/232,401
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/241,808
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,826
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,786
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,221
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/246,475
PRIOR FILING DATE: 2000-11-08
PRIOR APPLICATION NUMBER: 60/231,243
PRIOR FILING DATE: 2000-09-08

Query Match 2.7%; Score 26.8; DB 1; Length 32;
Best Local Similarity 93.3%; Pred. No. 2.3e+02;
Matches 28; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 768 TTTTGTATTATTAGTAGGATGGGCTC 797
DB 1 TTTTGTATTATTAGTAGGATGGGCTC 30

RESULT 91
US-09-964-666-10/c
Sequence 10, Application US/09964666
Patent No. US20020104108A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Wands, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA

ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,666
FILING DATE: 28-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0609.4370000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-964-666-10

Query Match 2.6%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 GTTGCTGGACCAAGACATGCACCA 580
DB 26 GTTGCTGGACCAAGACATGCACCA 1

RESULT 92
US-09-964-412-10/c
Sequence 10, Application US/09964412
Patent No. US20020129391A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Wands, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,412
FILING DATE: 28-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0609.4370000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-964-412-10

Query Match 2.6%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 GTAGCTGGACCAAGACATGCACCA 580
DB 26 GTAGCTGGACCAAGACATGCACCA 1

RESULT 93
US-09-964-667-10/c

Sequence 10, Application US/09964667
Publication No. US20030033621A1

GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne
Wands, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESSES:

ADDRESSER: Sterne, Keesler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., Suite 600

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/964,667

FILING DATE: 28-Sep-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Bemdard, Robert W.

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609.4370000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:

LENGTH: 26 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 10:

US-09-964-667-10

Query Match 2.6%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 GTAGCTGGACCAAGACATGCACCA 580
DB 26 GTAGCTGGACCAAGACATGCACCA 1

RESULT 94

US-09-964-678A-10/c

Sequence 10, Application US/09964678A

Publication No. US2003006097A1

GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne
Wands, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs

TITLE OF INVENTION: Effective for the Treatment or Prevention of

FILE REFERENCE: 0609.4370002

CURRENT APPLICATION NUMBER: US/09/964,678A

CURRENT FILING DATE: 2001-09-28

PRIOR APPLICATION NUMBER: 09/380,203

PRIOR FILING DATE: 2000-04-25

PRIOR APPLICATION NUMBER: PCT/US98/03685

PRIOR FILING DATE: 1998-02-26

PRIOR APPLICATION NUMBER: 60/038,908

PRIOR FILING DATE: 1997-02-26

NUMBER OF SEQ ID NOS: 14

SOFTWARE: Patentin version 3.1

SEQ ID NO 10

LENGTH: 26

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense oligonucleotide

US-09-964-678A-10

Query Match 2.6%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 555 GTAGCTGGACCAAGACATGCACCA 580
DB 26 GTAGCTGGACCAAGACATGCACCA 1

RESULT 95

US-10-336-638-161/c

Sequence 161, Application US/10336638

Publication No. US20030170699A1

GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing

APPLICANT: Chakravarti, Aravinda

APPLICANT: Halushka, Marc Kenneth

APPLICANT: Case Western Reserve University School of Medicine

APPLICANT: Affymetrix, Inc.

TITLE OF INVENTION: Polymorphisms Associated With

FILE REFERENCE: 018547-034210US

CURRENT APPLICATION NUMBER: US/10/336,638

CURRENT FILING DATE: 2003-01-02

PRIOR APPLICATION NUMBER: US/09/304,232

PRIOR FILING DATE: 1999-05-03

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641

PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07

NUMBER OF SEQ ID NOS: 909

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 161

LENGTH: 29

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: APOC1EX1 1411

US-10-336-638-161

Query Match 2.6%; Score 26; DB 1; Length 29;
Best Local Similarity 92.9%; Pred. No. 2.3e+02;
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 690 CCTCCGGGTCAAGTATTCCTCCGCC 717
DB 29 CCTCCGGGTCAAGTATTCCTCCGCC 2

RESULT 96

```
US-10-336-638-193
; Sequence 193, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 193
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1150
US-10-336-638-193

Query Match
Best Local Similarity 92.9%; Pred. No. 2.3e+02;
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 860 AAGTCTGGGATTATACAGCGCTGAGCCAC 887
DB 1 AAGTCTAGGATTATAGCGCTGAGCCAC 28

RESULT 97
US-10-336-638-863
; Sequence 863, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 863
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TBXA2REX3 953
US-10-336-638-863

Query Match
Best Local Similarity 92.9%; Pred. No. 2.3e+02;
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATCTCTCTGTCTCAGCCTCCC 1027
DB 2 TCAAGCATCTCTCTGTCTCAGCCTCCC 29
```

```
RESULT 98
US-10-085-906-89/c
; Sequence 89, Application US/10085906
; Publication No. US200300504371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 89
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-89

Query Match
Best Local Similarity 93.1%; Pred. No. 2.5e+02;
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 869 GATTACAGCGGTGAGCCACCAAGCCCGGC 897
DB 30 GATTACAGCATGAGCCACCAAGCCCGGC 2

RESULT 99
US-10-092-885-53/c
; Sequence 53, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; PRIOR FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 53
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-53

Query Match
Best Local Similarity 87.5%; Pred. No. 2.7e+02;
Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 778 TTTTAGTAGAGATGGGTTTACCATGTTGCGC 809
DB 32 TTTTAGTAGAGACGGGTTTGCCATGTTGCGC 1

RESULT 100
US-10-336-638-184/c
; Sequence 184, Application US/10336638
```

Publication No. US20030170699A1
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/10/336,638
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 184
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: APOC3 1931
US-10-336-638-184

Query Match 2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 2.5e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 675 TCACGCAACCTCTGCTCCCGGTTCAA 703
Db 29 TCACGCAACCTCTGCTCCCGGTTCAA 1

RESULT 101
US-10-336-638-195
Sequence 195, Application US/10336638
Publication No. US20030170699A1
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/10/336,638
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 195
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: APOC4 1281
US-10-336-638-195

Query Match 2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 2.5e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 843 CTGCTGCTGCTCCCAAGTCTGGAT 871
Db 1 CCGGCTTGCTCTCAAGTCTGGAT 29

RESULT 102
US-10-336-638-217
Sequence 217, Application US/10336638
Publication No. US20030170699A1
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/10/336,638
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 217
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: APOC4 931
US-10-336-638-217

Query Match 2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 2.5e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 644 CCAGCTGAGTGCATGCGCCATCTTG 672
Db 1 CCAGCTGAGTGCATGCGCCATCTTG 29

RESULT 103
US-10-336-638-265/c
Sequence 265, Application US/10336638
Publication No. US20030170699A1
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/10/336,638
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 265
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: BIR 2954
US-10-336-638-265

Query Match 2.6%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 2.5e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 670 TTGGCTCACTGCAACCTGCTCCGGG 698
Db 1 TTGGCTCACTGCAACCTGCTCCGGG 29

Db 29 TTGCTCACTGCAASCTCCGCTCTCGG 1

RESULT 104

US-10-336-638-699
 ; Sequence 699, Application US/10336638
 ; Publication No. US20030170699A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Fan, Jian Bing
 ; APPLICANT: Chakravarti, Aravinda
 ; APPLICANT: Halushka, Marc Kenneth
 ; APPLICANT: Case Western Reserve University School of Medicine
 ; APPLICANT: Affymetrix, Inc.
 ; TITLE OF INVENTION: Polymorphisms Associated with
 ; FILE REFERENCE: 018547-034210US
 ; CURRENT APPLICATION NUMBER: US/10/336,638
 ; PRIOR FILING DATE: 2003-01-02
 ; PRIOR APPLICATION NUMBER: 1999-05-03
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
 ; NUMBER OF SEQ ID NOS: 909
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 699
 ; LENGTH: 29
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PGISEX10 3022
 US-10-336-638-699

Query Match 2.6%; Score 25.4; DB 1; Length 29;
 Best Local Similarity 89.7%; Pred. No. 2.5e+02;
 Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 674 CTCACCTGCAACCTCTGCTCCCGGTTCA 702
 Db 1 CTCACCTGCAACCTCTGCTCCCGGTTCA 29

RESULT 105
 US-10-336-638-712
 ; Sequence 712, Application US/10336638
 ; Publication No. US20030170699A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Fan, Jian Bing
 ; APPLICANT: Chakravarti, Aravinda
 ; APPLICANT: Halushka, Marc Kenneth
 ; APPLICANT: Case Western Reserve University School of Medicine
 ; APPLICANT: Affymetrix, Inc.
 ; TITLE OF INVENTION: Polymorphisms Associated with
 ; FILE REFERENCE: 018547-034210US
 ; CURRENT APPLICATION NUMBER: US/10/336,638
 ; PRIOR FILING DATE: 2003-01-02
 ; PRIOR APPLICATION NUMBER: 1999-05-03
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
 ; NUMBER OF SEQ ID NOS: 909
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 712
 ; LENGTH: 29
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PGISEX10 3651
 US-10-336-638-712

Query Match 2.6%; Score 25.4; DB 1; Length 29;
 Best Local Similarity 89.7%; Pred. No. 2.5e+02;
 Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 869 GATTACAGCGTGAACCAACAGCCCGG 897
 Db 1 GATTACAGCGTGAACCAACAGCCCGG 29

RESULT 106

US-10-336-638-845
 ; Sequence 845, Application US/10336638
 ; Publication No. US20030170699A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Fan, Jian Bing
 ; APPLICANT: Chakravarti, Aravinda
 ; APPLICANT: Halushka, Marc Kenneth
 ; APPLICANT: Case Western Reserve University School of Medicine
 ; APPLICANT: Affymetrix, Inc.
 ; TITLE OF INVENTION: Polymorphisms Associated with
 ; FILE REFERENCE: 018547-034210US
 ; CURRENT APPLICATION NUMBER: US/10/336,638
 ; PRIOR FILING DATE: 2003-01-02
 ; PRIOR APPLICATION NUMBER: 1999-05-03
 ; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
 ; NUMBER OF SEQ ID NOS: 909
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 845
 ; LENGTH: 29
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: TBXA2REX1B 130
 US-10-336-638-845

Query Match 2.6%; Score 25.4; DB 1; Length 29;
 Best Local Similarity 89.7%; Pred. No. 2.5e+02;
 Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1017 CTCAGCTCCCAAGCAGCTGGATTACG 1045
 Db 1 CTCAGCTCCCAAGCAGCTGGATTACG 29

RESULT 107
 US-10-085-906-77
 ; Sequence 77, Application US/10085906
 ; Publication No. US20030054371A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ying, Vincent
 ; APPLICANT: Wu, Paul
 ; APPLICANT: Gray, Gary S.
 ; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
 ; FILE REFERENCE: GSN-5343CP2
 ; CURRENT APPLICATION NUMBER: US/10/085,906
 ; PRIOR FILING DATE: 2002-02-27
 ; PRIOR APPLICATION NUMBER: US 60/126,215
 ; PRIOR FILING DATE: 1999-03-25
 ; PRIOR APPLICATION NUMBER: US 09/534,061
 ; PRIOR FILING DATE: 2000-03-24
 ; PRIOR APPLICATION NUMBER: PCT/US00/07938
 ; PRIOR FILING DATE: 2000-03-24
 ; NUMBER OF SEQ ID NOS: 545
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 77
 ; LENGTH: 30
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; OTHER INFORMATION: PGISEX10 3651
 US-10-085-906-77

Query Match 2.5%; Score 25.2; DB 1; Length 30;
 Best Local Similarity 90.0%; Pred. No. 2.7e+02;

Matches 27; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 179 AGTAGAGATGAGTTCTCCATGTTGCA 208
Db 1 AGTAGAGATGAGGTTTCACCAATGGCCA 30

RESULT 108

US-09-837-149-4
; Sequence 4, Application US/09837149
; Publication No. US2001004667A1
; GENERAL INFORMATION:
; APPLICANT: Cloyd, Miles W.
; APPLICANT: Yeh, Chi-Cheng M.
; APPLICANT: Chen, Jianmin
; TITLE OF INVENTION: PCR-Hybridization Assays Specific for
; TITLE OF INVENTION: Integrated Retroviruses
; FILE REFERENCE: D6285
; CURRENT APPLICATION NUMBER: US/09/837.149
; CURRENT FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: US 60/198,884
; PRIOR FILING DATE: 2000-04-19
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO: 4
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: primer
; OTHER INFORMATION: primer for the Alu sequence in the human
US-09-837-149-4

Query Match 2.5%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 382 GCCTCCCAAGTCTGGATTACAG 406
Db 1 GCCTCCCAAGTCTGGATTACAG 25

RESULT 109

US-09-992-665-179
; Sequence 179, Application US/09992665
; Publication No. US20030092009A1
; GENERAL INFORMATION:
; APPLICANT: Kaia Palm
; TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
; TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE
; FILE REFERENCE: CEMINES.002A
; CURRENT APPLICATION NUMBER: US/09/992,665
; CURRENT FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: 60/249,508
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 380
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 179
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe
US-09-992-665-179

Query Match 2.5%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.3e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 858 CAAAGTCTGGATTACAGGCTGA 882
Db 1 CAAAGTCTGGATTACAGGCTGA 25

RESULT 110

US-10-336-638-185/c
; Sequence 185, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Hainshka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated with
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO: 185
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1975
US-10-336-638-185

Query Match 2.5%; Score 24.6; DB 1; Length 29;
Best Local Similarity 96.0%; Pred. No. 2.8e+02;
Matches 24; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCGTGACCCAGCGCTGAGTGCAG 659
Db 25 CTCGTGACCCAGCGCTGAGTGCAG 1

RESULT 111

US-10-085-906-144
; Sequence 144, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Wu, Vincent
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 144
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-144

Query Match 2.5%; Score 24.4; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 2.6e+02;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 594 ATTTTATTTTATTTTATTTTATTTT 619
Db 1 ATTTTATTTTATTTTATTTTATTTT 26

RESULT 112
US-10-336-638-194

; Sequence 194, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 194
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1246
US-10-336-638-194

Query Match 2.5%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 2.9e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1112 AGCGTGTCTCAACTCTGACCTCAGG 1139

Db 1 AGCGTGTCTCTGAAATCTGACCTCAGG 28

RESULT 113

US-10-336-638-200/c
; Sequence 200, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 200
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1587
US-10-336-638-200

Query Match 2.5%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 2.9e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1000 TCAAGGATTCCTCTGCTCAGCTCC 1027
Db 29 TCAAGGATTCCTCTGCTCAGCTCC 2

RESULT 114
US-10-336-638-514
; Sequence 514, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 514
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 963
US-10-336-638-514

Query Match 2.5%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 2.9e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 821 GATCTCTGACCTTGTGATCTGCTGCC 848

Db 2 GATCTCTGACCTTGTGATCTGCTGCC 29

RESULT 115

US-10-336-638-569
; Sequence 569, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; PRIOR FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 569
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: HSTSGENE 3710
US-10-336-638-569

Query Match 2.5%; Score 24.4; DB 1; Length 29;

Best Local Similarity 89.3%; Pred. No. 2.9e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1032 AGCTGGATTACGGGACCTGCCACAC 1059

Db 2 AGCTGGATTACAGGACCTGCCATCAC 29

RESULT 116

US-10-336-638-589/c
Sequence 589, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 589

LENGTH: 29

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: LAPPEX3 848

US-10-336-638-589

Query Match 2.5%; Score 24.4; DB 1; Length 29;

Best Local Similarity 89.3%; Pred. No. 2.9e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 927 GAATCTCACTCTGTATCCAGGCTGAG 954

Db 26 GAGTCTCACTCTGTATCCAGGCTGAG 1

RESULT 117

US-10-336-638-707
Sequence 707, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 707

LENGTH: 29

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PGISEX10 3217

US-10-336-638-707

Query Match 2.5%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 2.9e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 867 GGGATTACAGGCGCTGACCCACAGCCC 894

Db 1 GGGATTACAGGCGTGTACCCACCGCGCCC 28

RESULT 118

US-10-431-791-5/c
Sequence 5, Application US/10431791
Publication No. US20030235874A1

GENERAL INFORMATION:

APPLICANT: Kao, Chung-hai
APPLICANT: Lee, Sang-Jin
APPLICANT: Kim, Hong-Sup
APPLICANT: Lee, KangRyul
APPLICANT: Yu, Rong
TITLE OF INVENTION: Prostate-Specific Chimeric Enhancers and
TITLE OF INVENTION: Methods of Use Thereof
FILE REFERENCE: 1857-ART.02220US
CURRENT APPLICATION NUMBER: US/10/431,791
CURRENT FILING DATE: 2003-05-08
PRIOR APPLICATION NUMBER: 60/378,920
PRIOR FILING DATE: 2002-05-08
NUMBER OF SEQ ID NOS: 18
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 5

LENGTH: 30

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-10-431-791-5

Query Match 2.5%; Score 24.4; DB 1; Length 30;

Best Local Similarity 96.2%; Pred. No. 3e+02; 1; Indels 0; Gaps 0;

Qy 673 GCTGCTGCAACCTCTGCTCCCGGG 698

Db 30 GCTGCTGCAACCTCTGCTCCCGGG 5

RESULT 119

US-10-336-638-78/c
Sequence 78, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 78

LENGTH: 29

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: ABLX20 1628
US-10-336-638-78

Query Match 2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 670 TTGGCTCACTGCACCTCTGCTCCGCGG 698
DB 29 TTGGCTCACTGCACCTCTGCTCCGCGG 1

RESULT 120
US-10-336-638-156
Sequence 156, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 156
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: APOC1EX1 1020
US-10-336-638-156

Query Match 2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1073 TTGATTTTCATAGAGCGGGGTTTCAC 1101
DB 1 TTGATTTTCATAGAGCGGGGTTTCAC 29

RESULT 121

US-10-336-638-507
Sequence 507, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 507
LENGTH: 29

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: GLUT4EX11 872
US-10-336-638-507

Query Match 2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1034 CTGGATTACGGGACCTGCGCACACACC 1062
DB 1 CTGGATTACGGGACCTGCGCACACACC 29

RESULT 122
US-10-336-638-686/c
Sequence 686, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 686
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PG1SEX10 1505
US-10-336-638-686

Query Match 2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 177 TTGATGAGATGAGCTTCTCCATGTTGG 205
DB 29 TTGATGAGATGAGCTTCTCCATGTTGG 1

RESULT 123

US-10-336-638-702
Sequence 702, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 702
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PGISEX10 3082
US-10-336-638-702

Query Match 2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 1034 CTGGATTACGGCGCCATCCACACACACC 1062
Db 1 CTGGACTACAGCGCCGCCACACACACC 29

RESULT 124

US-10-336-638-860
Sequence 860, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 860
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: TBXA2REX3 701
US-10-336-638-860

Query Match 2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 876 GCGTGAGCCACCGCCGGCTTAATTTT 904
Db 1 GCGCGCGCCACCAVCCCGCTAATTTT 29

RESULT 125

US-10-336-638-861
Sequence 861, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 861
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: TBXA2REX3 904
US-10-336-638-861

Query Match 2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 650 TGGAGTCACTGGCGCAATCTTGCTCAC 678
Db 1 TGGAGTCACTGGCGCAATCTTGCTCAC 29

RESULT 126

US-10-336-638-862
Sequence 862, Application US/10336638
Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 862
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: TBXA2REX3 906
US-10-336-638-862

Query Match 2.4%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 3.2e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 652 GAGTGCACTGGCGCAATCTTGCTCAC 680
Db 1 GAGTGCACTGGCGCAATCTTGCTCAC 29

RESULT 127

US-09-888-056A-15
Sequence 15, Application US/09888056A
Publication No. US20030124524A1

GENERAL INFORMATION:
APPLICANT: DUFF, GORDON W.
APPLICANT: KORNMAN, KENNETH S.
TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING MODULATORS OF THE
FILE REFERENCE: MSA-023 01
CURRENT APPLICATION NUMBER: US/09/888,056A
CURRENT FILING DATE: 2002-05-06
PRIOR APPLICATION NUMBER: 60/213,853
PRIOR FILING DATE: 2000-06-23

```
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-888-056A-15
```

```
Query Match          2.4%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 2.9e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 667 GGGATTACAGCGCTGAGCCACG 891
Db 1 GGGATTACAGCGCTGAGCCACGCG 25
```

```
RESULT 128
US-10-380-584-114/c
; Sequence 114, Application US/10380584
; Publication No. US20040014088A1
; GENERAL INFORMATION:
; APPLICANT: Utermohlen, Joseph
; APPLICANT: Connaughton, John
; TITLE OF INVENTION: Oligonucleotide Sequence Formula for Labeling Oligonucleotide Pro
; TITLE OF INVENTION: Proteins for In Situ Analysis
; FILE REFERENCE: 355/001/PCR
; CURRENT APPLICATION NUMBER: US/10/380,584
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: 60/233,177
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 126
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 114
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide probe
US-10-380-584-114
```

```
Query Match          2.4%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 2.9e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 672 GGCTACTGCAACCTCTGCTCCCG 696
Db 25 GGCTACTGCAACCTCTGCTCCCG 1
```

```
RESULT 129
US-10-440-066-18/c
; Sequence 18, Application US/10440066
; Publication No. US20030180256A1
; GENERAL INFORMATION:
; APPLICANT: Hirata, Yutichi
; TITLE OF INVENTION: CYTOKINE-LIKE PROTEINS THAT PROMOTE CELL PROLIFERATION
; FILE REFERENCE: 06501-067001
; CURRENT APPLICATION NUMBER: US/10/440,066
; CURRENT FILING DATE: 2003-05-15
; PRIOR APPLICATION NUMBER: US/09/687,637
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: PCT/JP99/01997
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: JP 10/121805
; PRIOR FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 27
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially synthesized primer sequence
US-10-440-066-18
```

```
Query Match          2.4%; Score 23.4; DB 1; Length 27;
Best Local Similarity 96.0%; Pred. No. 3.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 537 CCTGCTCAGCCTCCCAAGTACTG 561
Db 27 CCTGCTCAGCCTCCCAAGTACTG 3
```

```
RESULT 130
US-10-198-069-38
; Sequence 38, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-38
```

```
Query Match          2.4%; Score 23.4; DB 1; Length 28;
Best Local Similarity 96.0%; Pred. No. 3.2e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy 725 CCTGACTGCTGGACTACAGCGC 749
Db 4 CCTGACTGCTGGACTACAGCGC 28
```

```
RESULT 131
US-10-336-638-210/c
; Sequence 210, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated with
; TITLE OF INVENTION: Hydratensin
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/10/336,638
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR FILING DATE: 1999-05-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
```

SEQ ID NO 210
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: APOC4 2366
US-10-336-638-210

Query Match 2.4% Score 23.4; DB 1; Length 29;
Best Local Similarity 88.9% Pred. No. 3.3e+02;
Matches 24; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 721 GCCTCCTGATGCTGAGCTACAGGC 747
DB 29 GCCTCCGAGTACGCGCATTAACAGGC 3

RESULT 132
US-10-092-900A-464
Sequence 464, Application US/10092900A
Publication No. US20040043382A1
GENERAL INFORMATION:
APPLICANT: Padigaru, Muralidhara
APPLICANT: Spytek, Kimberly A.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Taupier Jr., Raymond J.
APPLICANT: Pena, Carol E.A.
APPLICANT: Li, Li
APPLICANT: Zetnusen, Bryan D.
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Ji, Weizhen
APPLICANT: Gorman, Linda
APPLICANT: Miller, Charles E.
APPLICANT: Kekuda, Ramesh
APPLICANT: Patuturajan, Meera
APPLICANT: Gangolli, Esha A.
APPLICANT: Vernet, Corine A.M.
APPLICANT: Guo, Xiaojia Sasha
APPLICANT: Tchernev, Velizar T.
APPLICANT: Fernandes, Elma R.
APPLICANT: Caeman, Stacie J.
APPLICANT: Malyankar, Uriel M.
APPLICANT: Gerlach, Valerie
APPLICANT: Liu, Yi
APPLICANT: Anderson, David W.
APPLICANT: Spaderna, Steven K.
APPLICANT: Catterton, Eilina
APPLICANT: Leite, Mario W.
APPLICANT: Zhong, Haihong
APPLICANT: Alsobrook, John P.
APPLICANT: Lepley, Denise M.
APPLICANT: Rieger, Daniel K.
APPLICANT: Buegers, Catherine E.
TITLE OF INVENTION: No. US20040043382A1e1 Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-290C
CURRENT APPLICATION NUMBER: US/10/092,900A
PRIOR FILING DATE: 2002-03-07
PRIOR APPLICATION NUMBER: USSN 60/274,322
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/283,675
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: USSN 60/338,092
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: USSN 60/274,281
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/274,191
PRIOR FILING DATE: 2001-03-08
PRIOR APPLICATION NUMBER: USSN 60/325,681
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: USSN 60/304,354
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: USSN 60/279,995
PRIOR FILING DATE: 2001-03-30

PRIOR APPLICATION NUMBER: USSN 60/294,899
PRIOR FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: USSN 60/287,424
PRIOR FILING DATE: 2001-04-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 768
SEQ ID NO 464
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-092-900A-464

Query Match 2.3% Score 22.8; DB 1; Length 26;
Best Local Similarity 92.3% Pred. No. 3.3e+02;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 573 ATGCACCACTACACCTGCTATTATT 598
DB 1 ATGCACCACTACCTGCTATTATT 26

RESULT 133
US-09-964-666-6/c
Sequence 6, Application US/09964666
Patent No. US20020104108A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Wanda, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: Sterne, Kessler, Goldstein & Fox, P.L.L.C.
STREET: 1100 New York Ave., Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,666
FILING DATE: 28-Sep-2001
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Remond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0609.4370000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2500
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-964-666-6
Query Match 2.3% Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8% Pred. No. 3.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

DB 24 CTGACCTTGATCTGCTGCTT 1

RESULT 134

US-09-964-412-6/c
Sequence 6, Application US/09964412

Patent No. US2002012931A1

GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne

Manda, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.

STREET: 1100 New York Ave., Suite 600

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/964,412

FILING DATE: 28-Sep-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609.4370000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-964-412-6

Query Match

Best Local Similarity 2.3%; Score 22.4; DB 1; Length 24;

Matches 23; Conservativity 95.8%; Pred. No. 3.2e+02;

Mismatches 1; Indels 0; Gaps 0;

DB 826 CTGACCTTGATCTGCTGCTT 849

DB 24 CTGACCTTGATCTGCTGCTT 1

RESULT 135

US-09-964-667-6/c

Sequence 6, Application US/09964667

Publication No. US20030033621A1

GENERAL INFORMATION:

APPLICANT: de la Monte, Suzanne

Manda, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.

STREET: 1100 New York Ave., Suite 600

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/964,667

FILING DATE: 28-Sep-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609.4370000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-964-667-6

Query Match

Best Local Similarity 2.3%; Score 22.4; DB 1; Length 24;

Matches 23; Conservativity 95.8%; Pred. No. 3.2e+02;

Mismatches 1; Indels 0; Gaps 0;

DB 826 CTGACCTTGATCTGCTGCTT 849

DB 24 CTGACCTTGATCTGCTGCTT 1

RESULT 136

US-09-861-925-55

Sequence 55, Application US/09861925

Publication No. US20030064426A1

GENERAL INFORMATION:

APPLICANT: Chang, Bey-Dih

APPLICANT: Roninson, Igor

TITLE OF INVENTION: REGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF

FILE REFERENCE: 99,216-F

CURRENT APPLICATION NUMBER: US/09/861,925

CURRENT FILING DATE: 2001-05-21

PRIOR APPLICATION NUMBER: US 60/

PRIOR FILING DATE: 2001-02-01

NUMBER OF SEQ ID NOS: 77

SOFTWARE: Patentin version 3.0

SEQ ID NO 55

LENGTH: 24

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: Sense primer for PSF promoter

US-09-861-925-55

Query Match

Best Local Similarity 2.3%; Score 22.4; DB 1; Length 24;

Matches 23; Conservativity 95.8%; Pred. No. 3.2e+02;

Mismatches 1; Indels 0; Gaps 0;

DB 859 AAAGTCTGGGATTACAGGCGTGA 882

DB 1 AAAGTCTGGGATTACAGGCGTGA 24

RESULT 137

US-09-964-678A-6/c

Sequence 6, Application US/09964678A

```
Publication No. US20030066097A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs
TITLE OF INVENTION: Effective for the Treatment or Prevention of
FILE REFERENCE: 0609.4370002
CURRENT APPLICATION NUMBER: US/09/964,678A
CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: 09/380,203
PRIOR FILING DATE: 2000-04-25
PRIOR APPLICATION NUMBER: PCT/US98/03685
PRIOR FILING DATE: 1998-02-26
PRIOR APPLICATION NUMBER: 60/038,908
PRIOR FILING DATE: 1997-02-26
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: AD7C-NTP oligonucleotide
US-09-964-678A-6

Query Match      2.3% Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 3.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      826 CTGACCTGTGATCTGCTGCT 849
DB      24 CTGACCTGTGATCTGCTGCT 1

RESULT 138
US-10-323-463-12/c
Sequence 12, Application US/10323463
Publication No. US20030157693A1
GENERAL INFORMATION:
APPLICANT: VERDIN, ERIC
APPLICANT: JORDAN, ALBERT
TITLE OF INVENTION: CELL LINES WITH LATENT IMMUNODEFICIENCY
TITLE OF INVENTION: VIRUS AND METHODS OF USE THEREOF
FILE REFERENCE: UCAL-261
CURRENT APPLICATION NUMBER: US/10/323,463
CURRENT FILING DATE: 2002-12-18
PRIOR APPLICATION NUMBER: US 60/341,727
PRIOR FILING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 12
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-323-463-12

Query Match      2.3% Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 3.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 CCTGAGCTCCCAAGTAAGTGGGA 564
DB      24 CCTGAGCTCCCAAGTAAGTGGGA 1

RESULT 139
US-10-233-032A-55
Sequence 55, Application US/10233032A
Publication No. US20030157704A1
GENERAL INFORMATION:
```

```
APPLICANT: Poole, Jason
APPLICANT: Robinson, Igor
APPLICANT: Chang, Bey-Dih
TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING
TITLE OF INVENTION: EXPRESSION OF GENES REGULATED BY CDK INHIBITORS
FILE REFERENCE: 01-1156-A
CURRENT APPLICATION NUMBER: US/10/233,032A
CURRENT FILING DATE: 2003-02-12
PRIOR APPLICATION NUMBER: US 09/861,925
PRIOR FILING DATE: 2002-05-21
PRIOR APPLICATION NUMBER: US 60/265,840
PRIOR FILING DATE: 2002-02-01
NUMBER OF SEQ ID NOS: 84
SOFTWARE: PatentIn version 3.0
SEQ ID NO 55
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Sense primer for PSF promoter
US-10-233-032A-55

Query Match      2.3% Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 3.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      859 AAAGTGTGGATTAAGCGGTGA 882
DB      1 AAAGTGTGGATTAAGCGGTGA 24

RESULT 140
US-10-745-377-14
Sequence 14, Application US/10745377
Publication No. US20040137423A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Pimstone, Simon
APPLICANT: Brooke-Wilson, Angela R.
APPLICANT: Clee, Suzanne M.
TITLE OF INVENTION: Compositions and Methods for Modulating
TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
FILE REFERENCE: 760050-109
CURRENT APPLICATION NUMBER: US/10/745,377
CURRENT FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 09/654,323
PRIOR FILING DATE: 2000-09-01
PRIOR APPLICATION NUMBER: US 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: US 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: US 60/151,977
PRIOR FILING DATE: 1999-09-01
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: US 60/213,958
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256
SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
SEQ ID NO 14
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-10-745-377-14

Query Match      2.3% Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 3.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      208 AGGTGTCTCGAACTCCGAGCT 231
```

Db 1 AGCGTGTCTCGAAGCTCTGACT 24

RESULT 141

US-09-242-772-2
Sequence 2, Application US/09242772
Publication No. US2002009720A1
GENERAL INFORMATION:
APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnologie
TITLE OF INVENTION: PLAG gene family and tumorigenesis
FILE REFERENCE: VIB-011-US
CURRENT APPLICATION NUMBER: US/09/242,772
CURRENT FILING DATE: 1999-06-25
PRIOR APPLICATION NUMBER: EP 96202229.6
PRIOR FILING DATE: 1996-08-22
PRIOR APPLICATION NUMBER: EP 97200130.9
PRIOR FILING DATE: 1997-01-17
PRIOR APPLICATION NUMBER: PCT/EP97/04759
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 139
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
NAME/KEY: misc_feature
OTHER INFORMATION: antisense primer alu PCR
US-09-242-772-2

Query Match 2.2%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 3.1e+02; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTACAG 406
Db 1 TCCCAAGTCTGGATTACAG 22

RESULT 142

US-09-964-666-5
Sequence 5, Application US/09964666
Patent No. US20020104108A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Wands, Jack R.

TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.

STREET: 1100 New York Ave., Suite 600

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,666

FILING DATE: 28-Sep-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609,4370000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 5:

US-09-964-666-5
Query Match 2.2%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 3.1e+02; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 456 TGTCCACTCTTACCCAGATG 477
Db 1 TGTCCACTCTTACCCAGATG 22

RESULT 143

US-09-964-412-5
Sequence 5, Application US/09964412
Patent No. US20020129391A1
GENERAL INFORMATION:
APPLICANT: de la Monte, Suzanne
Wands, Jack R.
TITLE OF INVENTION: Transgenic Animals and Cell Lines for
Screening Drugs Effective for the Treatment or Prevention
of Alzheimer's Disease

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox, P.L.L.C.

STREET: 1100 New York Ave., Suite 600

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3934

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/964,412

FILING DATE: 28-Sep-2001

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.

REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0609,4370000

TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 22 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 5:

US-09-964-412-5
Query Match 2.2%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 3.1e+02; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 456 TGTCCACTCTTACCCAGATG 477
Db 1 TGTCCACTCTTACCCAGATG 22

RESULT 144
US-09-964-667-5
; Sequence 5, Application US/09964667
; Publication No. US2003003621A1
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; TITLE OF INVENTION: Transgenic Animals and Cell Lines for
; Screening Drugs Effective for the Treatment or Prevention
; of Alzheimer's Disease
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Keasler, Goldstein & Fox, P.L.L.C.
; STREET: 1100 New York Ave., Suite 600
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/964,667
; FILING DATE: 28-Sep-2001
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Eamond, Robert W.
; REGISTRATION NUMBER: 32,893
; REFERENCE/DOCKET NUMBER: 0609.4370000
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-964-667-5
Query Match 2.2%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 456 TGTCCCACTCTTACCCAGATG 477
DB 1 TGTCCCACTCTTACCCAGATG 22
RESULT 145
US-09-964-678A-5
; Sequence 5, Application US/09964678A
; Publication No. US2003006097A1
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wanda, Jack R.
; TITLE OF INVENTION: Transgenic Animals and Cell Lines for Screening Drugs
; TITLE OF INVENTION: Effective for the Treatment or Prevention of
; FILE REFERENCE: 0609.4370002
; CURRENT APPLICATION NUMBER: US/09/964,678A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/380,203
; PRIOR FILING DATE: 2000-04-25
; PRIOR APPLICATION NUMBER: PCT/US98/03685
; PRIOR FILING DATE: 1998-02-26
; PRIOR APPLICATION NUMBER: 60/038,908

PRIOR FILING DATE: 1997-02-26
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 5
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: AD7c-NTP oligonucleotide
US-09-964-678A-5
Query Match 2.2%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 456 TGTCCCACTCTTACCCAGATG 477
DB 1 TGTCCCACTCTTACCCAGATG 22
RESULT 146
US-10-198-069-39
; Sequence 39, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 39
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-39
Query Match 2.2%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 728 GAGTAGCTGGAGTACTACGCGC 749
DB 1 GAGTAGCTGGAGTACTACGCGC 22
RESULT 147
US-10-085-906-524/c
; Sequence 524, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25

PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 524
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-085-906-524

Query Match 2.2%; Score 22; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 768 TTTTGTATTTTACTAGAGA 789
DB 24 TTTTGTATTTTACTAGAGA 3

RESULT 148

US-10-374-077-30/C
Sequence 30, Application US/10374077
Publication No. US20040006779A1
GENERAL INFORMATION:
APPLICANT: Fu, Ying-Hui
Yu, Chang-Bn
Oshima, Junko
Mulligan, John T.
Schellenberg, Gerald D.
TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
WERNER'S SYNDROME
NUMBER OF SEQUENCES: 209
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed Intellectual Property Law Group
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/374,077
FILING DATE: 25-Feb-2003
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Roseman, Stephen
REGISTRATION NUMBER: 43,058
REFERENCE/DOCKET NUMBER: 100107.401D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-10-374-077-30

Query Match 2.2%; Score 21.4; DB 1; Length 23;
Best Local Similarity 95.7%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 383 CTTCCCAAGTGGCGGATTACA 405
DB 23 CTTCCCAAGTGGCGGATTACA 1

RESULT 149
US-09-850-514-37/C
Sequence 37, Application US/09850514
Publication No. US20030044786A1
GENERAL INFORMATION:
APPLICANT: Rao, Sulekha
Bloch, Will
TITLE OF INVENTION: Methods For The Reduction Of Stutter In Microsatellite Amplificat
FILE REFERENCE: Ab1-0007
CURRENT APPLICATION NUMBER: US/09/850,514
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patentin version 3.1
SEQ ID NO 37
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-850-514-37

Query Match 2.2%; Score 21.4; DB 1; Length 24;
Best Local Similarity 95.7%; Pred. No. 3.7e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 966 AATCTGCTCAGCTGCAACTCT 988
DB 23 AATCTGCTCAGCTGCAACTCT 1

RESULT 150
US-09-939-853A-111/C
Sequence 111, Application US/09939853A
Publication No. US20040039163A1
GENERAL INFORMATION:
APPLICANT: Burgess et al.
TITLE OF INVENTION: No. US20040039163A1 Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-099
CURRENT APPLICATION NUMBER: US/09/939,853A
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 60/228,191
PRIOR FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: 60/267,300
PRIOR FILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: 60/269,961
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/277,337
PRIOR FILING DATE: 2001-03-20
NUMBER OF SEQ ID NOS: 159
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 111
LENGTH: 26
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-111

Query Match 2.1%; Score 21.2; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 4.1e+02;
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 CTCCTGCTCAGCTCCCAAGTAGCT 560
DB 26 CTCCTGCTCAGCTCCCAAGTAGCT 1

RESULT 151
US-10-457-839-30/C
Sequence 30, Application US/10457839

```
Publication No. US20040014115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
APPLICANT: Hendrickson, Brant C
APPLICANT: Ward, Benjamin
APPLICANT: Pruss, Dmitry
TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
CURRENT FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: 60/387,132
PRIOR FILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: 60/7402,430
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: PatentIn version 3.2
SEQ ID NO 30
LENGTH: 26
TYPE: DNA
ORGANISM: Homo sapiens
US-10-457-839-30

Query Match      2.1%; Score 21; DB 1; Length 26;
Best Local Similarity 88.5%; Pred. No. 4.1e+02;
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      665 CATCTTGGCTCAGTCGACCTCTGC 690
DB      26 CGATCTTGCGGTCACTGAACCTCTGC 1
|||||
|||

RESULT 152
US-10-722-689A-18
Sequence 18, Application US/10722689A
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: STEVENSON, Mario
APPLICANT: JACQUE, Jean-Marie
TITLE OF INVENTION: MODULATION OF HIV REPLICATION BY RNA
FILE REFERENCE: UMY-034
CURRENT APPLICATION NUMBER: US/10/722,689A
CURRENT FILING DATE: 2003-11-24
PRIOR APPLICATION NUMBER: 60/428631
PRIOR FILING DATE: 2002-11-22
PRIOR APPLICATION NUMBER: 60/444893
PRIOR FILING DATE: 2003-02-04
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 18
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: OTHER INFORMATION: primer
US-10-722-689A-18

Query Match      2.1%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      863 TGCTGGATTACAGCCGTGAG 883
DB      1 TGCTGGATTACAGCCGTGAG 21
|||||
|||||

RESULT 153
US-10-786-720-13920/C
Sequence 13920, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20457
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand

US-10-786-720-13920

Query Match      2.1%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      966 AATCTGGCTCAGTCGACACT 986
DB      21 AATCTGGCTCAGTCGACACT 1
|||||
|||||

RESULT 154
US-10-786-720-13933
Sequence 13933, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13933
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-13933

Query Match      2.1%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      198 CATGTTGTCAGGCTGCTC 218
DB      1 CATGTTGTCAGGCTGCTC 21
|||||
|||||

RESULT 155
US-10-786-720-20457/C
Sequence 20457, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20457
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
```

US-10-786-720-20457

Query Match
Best Local Similarity 2.1%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 966 AATCTGGCTCACTGCACCT 986
DB 21 AATCTGGCTCACTGCACCT 1

RESULT 156

US-10-435-696-244/c
Sequence 244, Application US/10435696
Publication No. US20040018525A1
GENERAL INFORMATION:
APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Marc
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REFERENCE: Ica 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
PRIOR FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
SOFTWARE: PatentIn version 3.1
SEQ ID NO 244
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: D17S614 reverse primer
FEATURE:
NAME/KEY: misc feature
LOCATION: (1)-(1)
OTHER INFORMATION: n=a, c, g or t
US-10-435-696-244

Query Match
Best Local Similarity 2.1%; Score 21; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 ATCTGGCTCACTGCACCTC 687
DB 23 ATCTGGCTCACTGCACCTC 3

RESULT 157

US-10-010-802-365
Sequence 365, Application US/10010802
Publication No. US20030078220A1
GENERAL INFORMATION:
APPLICANT: Geneseece Pharmaceuticals
APPLICANT: Chew, Anne
APPLICANT: Denton, R. Rex
APPLICANT: Duda, Amy
APPLICANT: Nandabalan, Krishnan
APPLICANT: Stephens, J. Claiborne
APPLICANT: Windemuth, Andreas
TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin
TITLE OF INVENTION: 4 Receptor Alpha Gene
FILE REFERENCE: PMW-0002052 IL4R alpha
CURRENT APPLICATION NUMBER: US/10/010,802
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: PCT/US00/19094
PRIOR FILING DATE: 2000-07-13
NUMBER OF SEQ ID NOS: 413
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 365

LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-10-010-802-365

Query Match
Best Local Similarity 2.1%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 AAGCATTTCTCTGTCTCAGCCTC 1025
DB 1 AAGCATTTCTCTGTCTCAGCCTC 24

RESULT 158
US-10-196-095-3/c
Sequence 3, Application US/10196095
Publication No. US20030158081A1
GENERAL INFORMATION:
APPLICANT: March, Ruth E.
APPLICANT: Thornton, Sarah M.
TITLE OF INVENTION: CHEMICAL COMPOUNDS
FILE REFERENCE: 009901/0270771 - AFG/PMW70556/UST
CURRENT APPLICATION NUMBER: US/10/196,095
PRIOR FILING DATE: 2002-07-15
PRIOR APPLICATION NUMBER: US/09/597,835
PRIOR FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: GB 9914440.4
PRIOR FILING DATE: 1999-06-22
NUMBER OF SEQ ID NOS: 54
SOFTWARE: MS Word
SEQ ID NO 3
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-10-196-095-3

Query Match
Best Local Similarity 2.1%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 931 CTCACCTGTGTACCGAGGCTGGAG 954
DB 24 CTCACCTGTGTACCGAGGCTGGAG 1

RESULT 159
US-10-196-095-12/c
Sequence 12, Application US/10196095
Publication No. US20030158081A1
GENERAL INFORMATION:
APPLICANT: March, Ruth E.
APPLICANT: Thornton, Sarah M.
TITLE OF INVENTION: CHEMICAL COMPOUNDS
FILE REFERENCE: 009901/0270771 - AFG/PMW70556/UST
CURRENT APPLICATION NUMBER: US/10/196,095
PRIOR FILING DATE: 2002-07-15
PRIOR APPLICATION NUMBER: US/09/597,835
PRIOR FILING DATE: 2000-06-19
PRIOR APPLICATION NUMBER: GB 9914440.4
PRIOR FILING DATE: 1999-06-22
NUMBER OF SEQ ID NOS: 54
SOFTWARE: MS Word
SEQ ID NO 12
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-10-196-095-12

Query Match
Best Local Similarity 2.1%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 4e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;


```

RESULT 164
US-10-655-579-34
; Sequence 34, Application US/10655579
; Publication No. US20040126789A1
; GENERAL INFORMATION:
; APPLICANT: Park, Kyusung
; APPLICANT: Lee, Jun E.
; TITLE OF INVENTION: Compositions and Methods for Synthesizing Nucleic Acids
; FILE REFERENCE: 0942.5580002
; CURRENT APPLICATION NUMBER: US/10/655,579
; PRIOR FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/408,609
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: 60/427,867
; PRIOR FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Unknown
; OTHER INFORMATION: Tmel-44, forward primer
US-10-655-579-34

Query Match
Best Local Similarity 2.1%; Score 20.4; DB 1; Length 22;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 647 GGCTGAGTGCAGTGGCGCAT 668
DB 1 GGCTGAGTGCAGTGGCGCAT 22

RESULT 165
US-10-744-465-275/c
; Sequence 275, Application US/10744465
; Publication No. US20040157250A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-92
; CURRENT APPLICATION NUMBER: US/10/744,465
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-744-465-275

Query Match
Best Local Similarity 2.1%; Score 20.4; DB 1; Length 22;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCAGCTCCCAA 554
DB 1 TCCTCTGCTCAGCTCCCAA 554

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DB 22 TTCTCTGCTCAGCTCCCAA 1

RESULT 166
US-10-833-679-275/c
; Sequence 275, Application US/10833679
; Publication No. US20040185508A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-135
; CURRENT APPLICATION NUMBER: US/10/833,679
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: 10/042,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-833-679-275

Query Match
Best Local Similarity 2.1%; Score 20.4; DB 1; Length 22;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 533 TCCTCTGCTCAGCTCCCAA 554
DB 22 TTCTCTGCTCAGCTCCCAA 1

RESULT 167
US-10-010-802-391
; Sequence 391, Application US/1001802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genesance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
; FILE REFERENCE: MMH-0002US2 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 391
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-391

```

Query Match 2.1%; Score 20.4; DB 1; Length 23;
Best Local Similarity 95.5%; Pred. No. 4.1e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 578 CCCTACACCTGGCTAATTTT 599
DB 1 CCACCAACCTGGCTAATTTT 22

RESULT 168
US-09-752-983-242/c

; Sequence 242, Application US/09752983
; Patent No. US20010016575A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/752,983

; FILING DATE: 02-Jan-2001

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/280,805

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 242:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

; US-09-752-983-242

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTGTATCCAGGCTGAGTG 956
DB 20 CTGTATCCAGGCTGAGTG 1

RESULT 169
US-09-752-983-266/c

; Sequence 266, Application US/09752983
; Patent No. US20010016575A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/752,983

; FILING DATE: 02-Jan-2001

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/280,805

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 266:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-752-983-266

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 851 GGCTCCCAAGCTGTGGA 870
DB 20 GGCTCCCAAGCTGTGGA 1

RESULT 170
US-09-752-983-267/c

; Sequence 267, Application US/09752983
; Patent No. US20010016575A1

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/752,983

; FILING DATE: 02-Jan-2001

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/280,805

; FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 267:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-267

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGATTACAG 407
DB 20 CAAAGTCTGGATTACAG 1

RESULT 171
US-09-923-517-25
Sequence 25, Application US/09923517
Publication No. US20020039741A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J. Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods for the Modulation of Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517
FILING DATE: 07-Aug-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-923-517-25
Query Match 2.0%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 843 CCTGCTGGCTCCCAAG 862
DB 1 CCTGCTGGCTCCCAAG 20

RESULT 172
US-09-733-294A-82
Sequence 82, Application US/09733294A
Patent No. US20020045588A1
GENERAL INFORMATION:
APPLICANT: Brett P. Morla
APPLICANT: William Gaarde
APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wanciewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0527
CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 108
SEQ ID NO 82
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-82

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 863 TGCTGGATTACAGCGCTGA 882
DB 1 TGCTGGATTACAGCGCTGA 20

RESULT 173
US-09-853-753-4
Sequence 4, Application US/09853753
Publication No. US20020182669A1
GENERAL INFORMATION:
APPLICANT: Bech-Hansen, Torben
TITLE OF INVENTION: GPI-Anchored Small Leucine-Rich Proteoglycan Gene NYX
FILE REFERENCE: 45499-2
CURRENT APPLICATION NUMBER: US/09/853,753
CURRENT FILING DATE: 2001-05-17
PRIOR APPLICATION NUMBER: CA 2,306,241
PRIOR FILING DATE: 2000-05-12
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
NAME/KEY: misc_feature
LOCATION: (1)..(20)
OTHER INFORMATION: reverse primer for polymorphism 506B13CA (DXS10042)
US-09-853-753-4

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404
DB 1 TCCCAAGTCTGGATTAC 20

```
RESULT 174
US-10-085-906-302/c
; Sequence 302, Application US/10085906
; Publication No. US20030054371a1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 302
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-302

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      643 CCCAGCTGAGTGCAGTGG 662
Db      20 CCCAGCTGAGTGCAGTGG 1

RESULT 175
US-10-251-699-1/c
; Sequence 1, Application US/10251699
; Publication No. US20030099899a1
; GENERAL INFORMATION:
; APPLICANT: CHERRY, Dorra
; TITLE OF INVENTION: FLUORESCENT PROBES FOR CHROMOSOME PAINTING
; FILE REFERENCE: GENSET.069AUS
; CURRENT APPLICATION NUMBER: US/10/251,699
; CURRENT FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US/09/418,804
; PRIOR FILING DATE: 1999-10-15
; NUMBER OF SEQ ID NOS: 3
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: primer PCR Alu
US-10-251-699-1

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      643 CCCAGCTGAGTGCAGTGG 662
Db      20 CCCAGCTGAGTGCAGTGG 1

RESULT 176
US-10-002-623-731/c
; Sequence 731, Application US/10002623
```

```
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 731
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-731

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      389 AAAGTCTGGATTACAGGC 408
Db      20 AAAGTCTGGATTACAGGC 1

RESULT 177
US-10-002-623-734/c
; Sequence 734, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 734
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-734

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      389 AAAGTCTGGATTACAGGC 408
Db      20 AAAGTCTGGATTACAGGC 1

RESULT 178
US-10-002-623-894
; Sequence 894, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
```

;; CURRENT FILING DATE: 2001-11-01
;; PRIOR APPLICATION NUMBER: US 60/245,355
;; PRIOR FILING DATE: 2000-11-01
;; NUMBER OF SEQ ID NOS: 952
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 894
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Homo Sapiens
US-10-002-623-894

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGGATTACAG 407
DB 1 CAAAGTCTGGGATTACAG 20

RESULT 179
US-10-002-623-897
; Sequence 897, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 897
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-897

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGGATTACAG 407
DB 1 CAAAGTCTGGGATTACAG 20

RESULT 180
US-10-002-623-900
; Sequence 900, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 900
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens

US-10-002-623-900

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGGATTACAG 407
DB 1 CAAAGTCTGGGATTACAG 20

RESULT 181
US-10-289-845-13/C
; Sequence 13, Application US/10289845
; Publication No. US20030170679A1
; GENERAL INFORMATION:
; APPLICANT: Wood, Linda
; APPLICANT: Wagner, Susanne
; APPLICANT: Parodi, Luis
; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
; FILE REFERENCE: 00791.US1
; CURRENT APPLICATION NUMBER: US/10/289,845
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-289-845-13

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 387 CCAAGTCTGGGATTACAG 406
DB 20 CCAAGTCTGGGATTACAG 1

RESULT 182
US-10-331-907-78
; Sequence 78, Application US/10331907
; Publication No. US20030181660A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; Hees, John W
; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshihiko
; Metzman, Tony R
; Metzker, Michael L
; TITLE OF INVENTION: No. US20030181660A1e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US20030181660A1ch Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907

FILED DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 78:
US-10-331-907-78

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1112 AGCGTGCTCAAACTCCTG 1131
DB 1 AGCGTGCTCAAACTCCTG 20

RESULT 183
US-10-430-196-25
Sequence 25, Application US/10430196
Publication No. US20030194738A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J. Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide Compositions and Methods for the Modulation of Activating Protein 1
NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADDRESS:
ADDRESS: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/430,196
FILING DATE: 05-May-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517A
FILING DATE: 07-Aug-2001
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515

TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-10-430-196-25

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 843 CTGCTGGGCTCCCAAG 862
DB 1 CTGCTGGGCTCCCAAG 20

RESULT 184
US-10-005-344-242/c
Sequence 242, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 242
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-242

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 937 CTGTTACCCAGCTGAGTG 956
DB 20 CTGTTACCCAGCTGAGTG 1

RESULT 185
US-10-005-344-266/c
Sequence 266, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622

```
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 266
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-266
```

```
Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      851 GGCCTCCCAAGTGTGGGA 870
Db      20 GGCCTCCCAAGTGTGGGA 1
```

```
RESULT 186
US-10-005-344-267/c
; Sequence 267, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Rich Kolier
; APPLICANT: Mingyi Chlang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 267
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-267
```

```
Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      388 CAAAGTCTGGGATTACAGG 407
Db      20 CAAAGTCTGGGATTACAGG 1
```

```
RESULT 187
US-10-181-875-62
; Sequence 62, Application US/10181875
; Publication No. US20030216333A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
```

```
; APPLICANT: Jacqueline Wvatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESSION
; FILE REFERENCE: RISP-0356
; CURRENT APPLICATION NUMBER: US/10/181,875
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: 09/488,856
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-875-62
```

```
Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      385 TCCCAAGTGTGGATTAC 404
Db      1 TCCCAAGTGTGGATTAC 20
```

```
RESULT 188
US-10-189-267-87/c
; Sequence 87, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-267-87
```

```
Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No.3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      850 CGGCTCCCAAGTGTGGG 869
Db      20 CGGCTCCCAAGTGTGGG 1
```

```
RESULT 189
US-10-189-267-88/c
; Sequence 88, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Antisense oligonucleotide
US-10-189-267-88

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 866 TGGGATTACAGCGCGTAGGCC 885
DB 20 TGGGATTACAGCGCGTAGGCC 1

RESULT 190

US-10-189-267-222
Sequence 222, Application US/10189267
Publication No. US20040006030A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
FILE REFERENCE: PTS-0038
CURRENT APPLICATION NUMBER: US/10/189,267
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 284
SEQ ID NO 222
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-189-267-222

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 850 CGGCTCCCAAGTCTGCG 869
DB 1 CGGCTCCCAAGTCTGCG 20

RESULT 191
US-10-189-267-223
Sequence 223, Application US/10189267
Publication No. US20040006030A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
FILE REFERENCE: PTS-0038
CURRENT APPLICATION NUMBER: US/10/189,267
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 284
SEQ ID NO 223
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-189-267-223

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 866 TGGGATTACAGCGCGTAGGCC 885
DB 1 TGGGATTACAGCGCGTAGGCC 20

RESULT 192
US-10-210-723-78
Sequence 78, Application US/10210723

Publication No. US20040023382A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PP3CB EXPRESSION
FILE REFERENCE: PTS-0028
CURRENT APPLICATION NUMBER: US/10/210,723
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 78
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-10-210-723-78

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 541 CCTAGCCTCCCAAGTAGCT 560
DB 1 CCTAGCCTCCCAAGTAGCT 20

RESULT 193
US-10-210-723-136/c
Sequence 136, Application US/10210723
Publication No. US20040023382A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PP3CB EXPRESSION
FILE REFERENCE: PTS-0028
CURRENT APPLICATION NUMBER: US/10/210,723
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 136
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense oligonucleotide
US-10-210-723-136

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 541 CCTAGCCTCCCAAGTAGCT 560
DB 20 CCTAGCCTCCCAAGTAGCT 1

RESULT 194
US-10-264-958B-2/c
Sequence 2, Application US/10264958B
Publication No. US2004003824A1
GENERAL INFORMATION:
APPLICANT: Hoffman, Hal
APPLICANT: Kolodner, Richard
TITLE OF INVENTION: Isolated Cytopyrins, Nucleic Acid Molecules Encoding These, and U
FILE REFERENCE: LUD 5738.1 CIP (10209575)
CURRENT APPLICATION NUMBER: US/10/264,958B
CURRENT FILING DATE: 2002-10-04
PRIOR APPLICATION NUMBER: US60/327,728
PRIOR FILING DATE: 2001-10-05
NUMBER OF SEQ ID NOS: 31
SEQ ID NO 2

LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
US-10-264-958B-2

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 667 ATCTGCTCAGTCACTGCACTT 686
DB 20 ATCTGCTCAGTCACTGCACTT 1

RESULT 195
US-10-343-303-10
Sequence 10, Application US/10343303
Publication No. US20040038394A1
GENERAL INFORMATION:
APPLICANT: Mogam Biotechnology Research Institute
APPLICANT: Pan-Gen Biotech Laboratories Inc.
TITLE OF INVENTION: Expression vector for animal cell
FILE REFERENCE: opp010629kr
CURRENT APPLICATION NUMBER: US/10/343,303
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: KR10-2000-43996
PRIOR FILING DATE: 2000-07-29
NUMBER OF SEQ ID NOS: 24
SOFTWARE: KopatentIn 1.55
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: BM1 primer for human beta globin nuclear matrix attachment region
FEATURE:
OTHER INFORMATION: element
NAME/KEY: primer
LOCATION: (1)-(20)
OTHER INFORMATION: primer
US-10-343-303-10

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 722 CCTCTGAGTACCTGGGACT 741
DB 1 CCTCTGAGTACCTGGGACT 20

RESULT 196
US-10-633-843-79
Sequence 79, Application US/10633843
Publication No. US20040091919A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF SUPEROXIDE DISMUTASE 1, SOLUBLE EXPRESSION
FILE REFERENCE: ISPH-0756
CURRENT APPLICATION NUMBER: US/10/633,843
CURRENT FILING DATE: 2003-08-04
PRIOR APPLICATION NUMBER: US 09/888,360
PRIOR FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 90
SEQ ID NO 79
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-843-79

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 729 AGTAGCTGGAGTACAGGCG 748
DB 1 AGTAGCTGGAGTACAGGCG 20

RESULT 197
US-10-303-325-83
Sequence 83, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 83
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-83

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 CTCGGCTCACTGCACTCT 988
DB 1 CTCGGCTCACTGCACTCT 20

RESULT 198
US-10-303-325-149/c
Sequence 149, Application US/10303325
Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 149
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-303-325-149

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 969 CTCGGCTCACTGCACTCT 988
DB 20 CTCGGCTCACTGCACTCT 1

RESULT 199
US-10-648-593-516/c
Sequence 516, Application US/10648593
Publication No. US20040106132A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
US-10-648-593-516/c

```
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
; TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
; FILE REFERENCE: D0273 NP
; CURRENT APPLICATION NUMBER: US/10/648,593
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: 60/406,385
; PRIOR FILING DATE: 2002-08-27
; NUMBER OF SEQ ID NOS: 557
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 516
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-648-593-516

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      542 CTCAGCTCCCAAGTCTG 561
DB      20 CTCAGCTCCCAAGTCTG 1

RESULT 200
US-10-671-395-464/c
; Sequence 464, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 464
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-464

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      850 CGGCTCCCAAGTCTGG 869
DB      20 CGGCTCCCAAGTCTGG 1

RESULT 201
US-10-671-395-581/c
; Sequence 581, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 581
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-581

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 581
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-581

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      851 GGCCTCCCAAGTCTGGA 870
DB      20 GGCCTCCCAAGTCTGGA 1

RESULT 202
US-10-671-395-669/c
; Sequence 669, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 669
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-669

Query Match          2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      849 TCGGCTCCCAAGTCTGG 868
DB      20 TCGGCTCCCAAGTCTGG 1

RESULT 203
US-10-671-395-933/c
; Sequence 933, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 933
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-933
```

US-10-671-395-933

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 382 GCCTCCCAAGTGTGGAT 401

DB 20 GCCTCCCAAGTGTGGAT 1

RESULT 204

US-10-671-395-1144/c
Sequence 1144, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1144
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1144

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 720 AGCCTCTGAGTAGTGGA 739

DB 20 AGCCTCTGAGTAGTGGA 1

RESULT 205

US-10-671-395-1145/c
Sequence 1145, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1145
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1145

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 848 CTGGGCTCCCAAGTGTG 867

DB 20 CTGGGCTCCCAAGTGTG 1

RESULT 206
US-10-671-395-1268/c
Sequence 1268, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1268
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1268

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 719 CAGCTCTGAGTAGTGGA 738

DB 20 CAGCTCTGAGTAGTGGA 1

RESULT 207

US-10-671-395-1347/c
Sequence 1347, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1347
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1347

Query Match 2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 847 CTGGGCTCCCAAGTGTG 866

DB 20 CTGGGCTCCCAAGTGTG 1

RESULT 208
US-10-671-395-1455/c
Sequence 1455, Application US/10671395

```
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIORITY FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1455
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1455

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      846 GCCTCGGCTCCCAAGTGC 865
DB      20 GCCTCGGCTCCCAAGTGC 1

RESULT 209
US-10-671-395-1496/c
Sequence 1496, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIORITY FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1496
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1496

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      769 TTTTGTATTTTGTAGAG 788
DB      20 TTTTGTATTTTGTAGAG 1

RESULT 210
US-10-671-395-1740/c
Sequence 1740, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US.
```

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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIORITY FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1740
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1740

Query Match      2.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      770 TTTTGTATTTTGTAGAGA 789
DB      20 TTTTGTATTTTGTAGAGA 1

RESULT 211
US-10-786-720-13918
Sequence 13918, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
PRIORITY FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13918
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-13918

Query Match      2.0%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      967 ATCTCGGCTCACTGCAACCT 986
DB      2 ATCTCGGCTCACTGCAACCT 21

RESULT 212
US-10-786-720-13935/c
Sequence 13935, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
PRIORITY FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13935
LENGTH: 21
TYPE: RNA
ORGANISM: RNA1-antisense strand
US-10-786-720-13935
```

Query Match 2.0%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 199 ATCTGGTCAGGCTGCTC 218
DB 20 ATCTGGTCAGGCTGCTC 1

RESULT 213

US-10-786-720-14251
Sequence 14251, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Wei
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 14251
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-14251

Query Match 2.0%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 869 GATTACAGGCTGAGCCACC 868
DB 1 GATTACAGGCTGAGCCACC 20

RESULT 214

US-10-786-720-20455
Sequence 20455, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Wei
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20455
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20455

Query Match 2.0%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGTCAGGCTGAGCCACC 966
DB 2 ATCTGGTCAGGCTGAGCCACC 21

RESULT 215

US-09-784-423-96/C
Sequence 96, Application US/09784423

Patent No. US20020012924A1

GENERAL INFORMATION:
APPLICANT: Schumm, James W.
Bacher, Jeffrey W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR
IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
REPEAT DNA MARKERS

NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:
ADDRESS: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin

COUNTRY: U.S.A.
ZIP: 53711-5399

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB

COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95

SOFTWARE: Word 97 (DOS text format)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423

FILING DATE: 15-Feb-2001
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/018,584

FILING DATE: 04-Feb-1998

ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick

REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026.9180

TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501

TELEFAX: (608) 257-2275

INFORMATION FOR SEQ ID NO: 96

SEQUENCE CHARACTERISTICS:
LENGTH: 24
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear

SEQUENCE DESCRIPTION: SEQ ID NO: 96

US-09-784-423-96
Query Match 2.0%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 4.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 638 TGTACCCAGGCTGAGTGACGT 660
DB 23 TATCACCAGGCTGAGTGACAT 1

RESULT 216

US-09-770-107-83/C
Sequence 83, Application US/09770107
Publication No. US20030054345A1
GENERAL INFORMATION:
APPLICANT: Millenium Pharmaceuticals, Inc.
APPLICANT: Meyer, Joanne
APPLICANT: Barrington-Martin, Rory
APPLICANT: Parker, Alexander
APPLICANT: Barnes, Glenn
TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of
neuropsychiatric disorders, including schizophrenia
FILE REFERENCE: 3322/0H401
CURRENT APPLICATION NUMBER: US/09/770,107
CURRENT FILING DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 127
SOFTWARE: PatentIn version 3.0
SEQ ID NO 83
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens

US-09-770-107-83

Query Match 2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 535 CTCCTGCTCAGCCCTCCAG 555
Db 21 CTACTGCTCAGCCCTCCAG 1

RESULT 217

US-10-255-434-6
Sequence 6, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 6
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
FEATURE:
OTHER INFORMATION: Oligomer Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-6

Query Match 2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 205 GTCAGGCTGCTCGAAGCTCC 225
Db 1 GCCAGGCTGCTCGAAGCTCC 21

RESULT 218

US-10-255-434-11
Sequence 11, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 11
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
FEATURE:
OTHER INFORMATION: Oligomer Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe

OTHER INFORMATION: Sequence
US-10-255-434-11

Query Match 2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 990 CCTCCGGGCTCAAGCGATTC 1010
Db 1 CTTCCGGGCTCAAGCGATTC 21

RESULT 219

US-10-255-434-18/c
Sequence 18, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 18
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-18

Query Match 2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 205 GTCAGGCTGCTCGAAGCTCC 225
Db 21 GCCAGGCTGCTCGAAGCTCC 1

RESULT 220

US-10-255-434-23/c
Sequence 23, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 23
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
FEATURE:
OTHER INFORMATION: Oligomer Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
OTHER INFORMATION: Sequence
US-10-255-434-23

Query Match 2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 990 CCTCCCGGCTCAGCGATTC 1010
DB 21 CCTCCCGGCTCAGCGATTC 1

RESULT 221
US-10-255-434-25

Sequence 25, Application US/10255434
Publication No. US20030129626A1

GENERAL INFORMATION:

APPLICANT: Nielsen, Kirsten V.

APPLICANT: Hyldig-Nielsen, Jens J.

APPLICANT: Williams, Brett F.

TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The

TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly

FILE REFERENCE: BP0101-US

CURRENT APPLICATION NUMBER: US/10/255,434

CURRENT FILING DATE: 2002-09-24

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 25

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: Description of Combined DNA/RNA Molecule: Synthetic

OTHER INFORMATION: Oligomer Sequence

FEATURE: Description of Artificial Sequence: Synthetic Probe

OTHER INFORMATION: Sequence

US-10-255-434-25

Query Match 2.0%; Score 19.4; DB 1; Length 21;

Best Local Similarity 95.2%; Pred. No. 4.3e+02;

Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 638 TGTACCCAGGCTGAGTGCA 658
DB 1 TGTACCCAGGCTGAGTGCA 21

RESULT 222
US-10-165-099-264

Sequence 264, Application US/10165099

Publication No. US20030188326A1

GENERAL INFORMATION:

APPLICANT: D'Andrea, Alan

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBIL

TITLE OF INVENTION: DETECTIVE DNA REPAIR MECHANISMS AND TREATMENT THEREOF

FILE REFERENCE: 7032/2055

CURRENT APPLICATION NUMBER: US/10/165,099

CURRENT FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 09/998,027

PRIOR FILING DATE: 2001-11-02

PRIOR APPLICATION NUMBER: US 60/245,756

PRIOR FILING DATE: 2000-11-03

NUMBER OF SEQ ID NOS: 352

SOFTWARE: PatentIn version 3.1

SEQ ID NO 264

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE: Artificial sequence

OTHER INFORMATION: Primer

US-10-165-099-264

Query Match 2.0%; Score 19.4; DB 1; Length 21;

Best Local Similarity 95.2%; Pred. No. 4.3e+02;

Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 966 ATCTCGGCTCAGTCAACT 986
DB 1 ATCTCGGCTCAGTCAACT 21

RESULT 223

US-10-091-281-241/C

Sequence 241, Application US/10091281

Publication No. US20030190617A1

GENERAL INFORMATION:

APPLICANT: RAYMOND, VINCENT

APPLICANT: SI, ERWIN

APPLICANT: MORISSETTE, JEAN

TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF

FILE REFERENCE: 13587.338

CURRENT APPLICATION NUMBER: US/10/091,281

CURRENT FILING DATE: 2002-03-06

NUMBER OF SEQ ID NOS: 463

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 241

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE: Homo sapiens

OTHER INFORMATION: Putative NRSF/NRSF.01 motif

US-10-091-281-241

Query Match 2.0%; Score 19.4; DB 1; Length 21;

Best Local Similarity 95.2%; Pred. No. 4.3e+02;

Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 849 TCGGCTCCCAAGTCTGGG 869
DB 21 TCGGCTCCCAAGTCTGGG 1

RESULT 224

US-10-126-103-235

Sequence 235, Application US/10126103

Publication No. US20030224486A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB PATHW

FILE REFERENCE: D0108.np

CURRENT APPLICATION NUMBER: US/10/126,103

CURRENT FILING DATE: 2002-04-19

PRIOR APPLICATION NUMBER: US 60/284,962

PRIOR FILING DATE: 2001-04-19

PRIOR APPLICATION NUMBER: US 60/286,645

PRIOR FILING DATE: 2001-04-26

PRIOR APPLICATION NUMBER: US 60/346,986

PRIOR FILING DATE: 2002-01-09

NUMBER OF SEQ ID NOS: 284

SOFTWARE: PatentIn version 3.0

SEQ ID NO 235

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

US-10-126-103-235

Query Match 2.0%; Score 19.4; DB 1; Length 21;

Best Local Similarity 95.2%; Pred. No. 4.3e+02;

Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 476 TGAAGTCACTGGTGATCA 496
DB 1 TGAAGTCACTGGTGATCA 21

```
RESULT 225
US-10-431-096-235
; Sequence 235, Application US/10431096
; Publication No. US200400868696A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB
; TITLE OF INVENTION: PATHWAY
; FILE REFERENCE: D0108A CIP
; CURRENT APPLICATION NUMBER: US/10/431,096
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/284,962
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: US 10/126,103
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/286,645
; PRIOR FILING DATE: 2001-04-26
; PRIOR APPLICATION NUMBER: US 60/346,986
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 307
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 235
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-431-096-235

Query Match          2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      476 TGAAGTCAGTGGTGTGATCA 496
Db      1 TGAAGTCAGTGGTGTGATCA 21
|||||

RESULT 226
US-10-786-720-13252/C
; Sequence 13252, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13252
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13252

Query Match          2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      967 ATCTGGCTCACTGCACCTC 987
Db      21 ATCTGAGCTCACTGCACCTC 1
|||||

RESULT 227
US-10-786-720-13253/C
; Sequence 13253, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13253
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-13253

Query Match          2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      965 AAATCTGGCTCACTGCACAC 985
Db      21 AAATCTGAGCTCACTGCACAC 1
|||||

RESULT 228
US-10-786-720-13919
; Sequence 13919, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13919
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-13919

Query Match          2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 4.3e+02;
Matches 14; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

Cy      968 TCTGGCTCACTGCACCTCT 988
Db      1 UCUCGCGUCACUGCACCUUU 21
:::|||||:::

RESULT 229
US-10-786-720-19978
; Sequence 19978, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19978
; LENGTH: 21
; TYPE: DNA
```

ORGANISM: Homo sapiens
US-10-786-720-19978

Query Match 2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 966 AATCTCGGCTCACTGCACT 986
DB 1 AATCTCGGCTCACTGCACT 21

RESULT 230

US-10-786-720-19980/c
Sequence 19980, Application US/10786720
Publication No. US2004019181A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 19980
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-19980

Query Match 2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 966 AATCTCGGCTCACTGCACT 986
DB 21 AATCTCGGCTCACTGCACT 1

RESULT 231

US-10-786-720-20214/c
Sequence 20214, Application US/10786720
Publication No. US2004019181A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20214
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-20214

Query Match 2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 965 AAATCTCGGCTCACTGCACT 985
DB 21 AAATCTCGGCTCACTGCACT 1

RESULT 232

US-10-786-720-20230
Sequence 20230, Application US/10786720
Publication No. US2004019181A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20230
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20230

Query Match 2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 641 CACCCAGGCTGAGTGCAGTG 661
DB 1 CACCTAGGCTGAGTGCAGTG 21

RESULT 233

US-10-786-720-20362/c
Sequence 20362, Application US/10786720
Publication No. US2004019181A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20362
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20362

Query Match 2.0%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1116 TGGTCTCAAACTCTGACCTC 1136
DB 21 TGGTCTCAAACTCTGACCTC 1

RESULT 234

US-10-786-720-20368/c
Sequence 20368, Application US/10786720
Publication No. US2004019181A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135

[illegible]

```

; LOCATION: (11)...(11)
; OTHER INFORMATION: n = a or g

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OTHER INFORMATION: n = a or g
US-10-745-377-199

Query Match	1.9%	Score 19.2;	DB 1;	Length 24;
Best Local Similarity	87.5%	Pred. No. 5e+02;		
Matches	21;	Conservative	0;	Mismatches 3;
			Indels	0;
			Gaps	0;

870 ATTACAGGCGTGAGCCACCACGCG 893
OY |||||
Db 1 ATTAAGGCGTGCGCCACCATGCC 24

RESULT 243
US-10-745-377-17

RESULT 243
US-10-745-377-17

```
; Sequence 17, Application US/10745377
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; FILE REFERENCE: HDL Cholesterol and Triglyceride Levels
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 17
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-17

Query Match      1.9%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      208 AGCGTGTCTGAGCTCCGACCT 231
DB      1 AGTTGGTTTGGACTCCGACCT 24

RESULT 244
US-10-802-061-10
; Sequence 10, Application US/10802061
; Publication No. US20040152124A1
; GENERAL INFORMATION:
; APPLICANT: DUFF, GORDON W.
; APPLICANT: COX, ANGELA
; APPLICANT: CAMP, NICOLA J.
; APPLICANT: DIGIOVINE, FRANCESCO S.
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED
; FILE REFERENCE: 24299-508CON3
; CURRENT APPLICATION NUMBER: US/10/802,061
; CURRENT FILING DATE: 2004-03-15
; PRIOR APPLICATION NUMBER: 09/845,129
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: 09/345,217
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: PCT/GB98/01481
; PRIOR FILING DATE: 1998-05-21
; PRIOR APPLICATION NUMBER: 9711040.7
; PRIOR FILING DATE: 1997-05-29
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
```

```
US-10-802-061-10

Query Match      1.9%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      868 GGATTACAGGGGTGAGCCACG 891
DB      1 GGATTACAGGGGTGAGCCACGCG 24

RESULT 245
US-09-752-983-243/c
; Sequence 243, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDW2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-243

Query Match      1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      644 CCAGGCTGAGTGACGTGG 662
DB      20 CCAGGCTGAGTGACGTGG 2

RESULT 246
US-09-752-983-250/c
; Sequence 250, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDW2
```

TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 250:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-250

Query Match 1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCCTGCTCAGCTCCCAA 554
|||||
DB 20 TCCTGCTCAGCTCCCAA 2

RESULT 247
US-09-898-361-95
Sequence 95, Application US/09898361
Publication No. US2003008732A1
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/898,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 95
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-361-95

Query Match 1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 541 CCTCAGCTCCCAAGTAGC 559
|||||

DB 2 CCTCAGCTCCCAAGTAGC 20

RESULT 248
US-09-888-361-95
Sequence 95, Application US/09888361
Publication No. US2003006494A1
GENERAL INFORMATION:
APPLICANT: Susan Murray
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/888,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
SEQ ID NO 95
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-95

Query Match 1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 541 CCTCAGCTCCCAAGTAGC 559
|||||
DB 2 CCTCAGCTCCCAAGTAGC 20

RESULT 249
US-09-993-731-22
Sequence 22, Application US/09993731
Publication No. US20030105040A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
FILE REFERENCE: RTS-0302
CURRENT APPLICATION NUMBER: US/09/993,731
CURRENT FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-22

Query Match 1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 645 CAGGCTGAGTGCAGTGGC 663
|||||
DB 1 CAGGCTGAGTGCAGTGGC 19

RESULT 250
US-10-181-177-94/c
Sequence 94, Application US/10181177
Publication No. US20030083296A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
FILE REFERENCE: RTS-0334
CURRENT APPLICATION NUMBER: US/10/181,177
CURRENT FILING DATE: 2002-07-12

```

; PRIOR APPLICATION NUMBER: PCT/US01/00955
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 09/487,445
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-177-94

Query Match
Best Local Similarity 1.9%; Score 19; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 AGCGTGAAGTGCAGTGGCG 664
DB 20 AGCGTGAAGTGCAGTGGCG 2

RESULT 251
US-10-331-907-286
; Sequence 286, Application US/10331907
; Publication No. US2003018160A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; Hees, John W
; Caskey, Charles T
; Cox, Roger D
; Gerhold, David
; Hammond, Holly
; Hey, Patricia
; Kawaguchi, Yoshihiko
; Metzman, Tony R
; Metzker, Michael L
; TITLE OF INVENTION: No. US2003018160A1e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US2003018160A1ch Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B. J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4091
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 286:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

```

```

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 286:
US-10-331-907-286

Query Match
Best Local Similarity 1.9%; Score 19; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCACTGCAACT 686
DB 2 TCTTGCTCACTGCAACT 20

RESULT 252
US-10-005-344-243/c
; Sequence 243, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-243

Query Match
Best Local Similarity 1.9%; Score 19; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 644 CCAGCTGAAGTGCAGTGG 662
DB 20 CCAGCTGAAGTGCAGTGG 2

RESULT 253
US-10-005-344-250/c
; Sequence 250, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805

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; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 250
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-250

Query Match          1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      536 TCCTGCTCAGCTCCCAA 554
DB      20 TCCTGCTCAGCTCCCAA 2

RESULT 254
US-10-671-395-695/c
; Sequence 695, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 695
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-695

Query Match          1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      383 CCTCCCAAGTCTGGAT 401
DB      20 CCTCCCAAGTCTGGAT 2

RESULT 255
US-10-671-395-1032/c
; Sequence 1032, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1032
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
```

```

; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1032

Query Match          1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      846 GCCTCGGCTCCCAAGTG 864
DB      19 GCCTCGGCTCCCAAGTG 1

RESULT 256
US-10-671-395-1199/c
; Sequence 1199, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1199

Query Match          1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      721 GCCTCGAGTACTGGGA 739
DB      20 GCCTCGAGTACTGGGA 2

RESULT 257
US-10-671-395-1371/c
; Sequence 1371, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1371
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1371

Query Match          1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY 771 TTTCATTTTGTAGTAGA 789
|||||
DB 20 TTTCATTTTGTAGTAGA 2

RESULT 258
US-10-671-395-1543/c
; Sequence 1543, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1543
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisease
US-10-671-395-1543

Query Match 1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 719 CAGCCTCTGAGTAGCTGG 737
|||||
DB 19 CAGCCTCTGAGTAGCTGG 1

RESULT 259
US-10-671-395-1544/c
; Sequence 1544, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1544
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisease
US-10-671-395-1544

Query Match 1.9%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 769 TTTTGTATTTTGTAGTAGA 787
|||||
DB 19 TTTTGTATTTTGTAGTAGA 1

RESULT 260

US-10-786-720-13909
; Sequence 13909, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13909
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13909

Query Match 1.9%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 CAGCTGAGTGCATGAC 963
|||||
DB 1 CAGCTGAGTGCATGAC 19

RESULT 261
US-10-786-720-13934
; Sequence 13934, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13934
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13934

Query Match 1.9%; Score 19; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 4.6e+02;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

QY 200 TGTGTCAGGCTGCTC 218
:::|||||:::|
DB 1 UGUGGUCAGGCTGCTC 19

RESULT 262
US-10-786-720-14253/c
; Sequence 14253, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135

SOFTWARE: Patentin version 3.2
SEQ ID NO 14253
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-14253

Query Match 1.9%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 870 ATTACAGCGCTGAGCCACC 888
DB 20 ATTACAGCGCTGAGCCACC 2

RESULT 263
US-10-786-720-20428
Sequence 20428, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:

APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
CURRENT APPLICATION NUMBER: US/10/786,720
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 20428
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20428

Query Match 1.9%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 652 GAGTGAGTGCGCAATCT 670
DB 1 GAGTGAGTGCGCAATCT 19

RESULT 264
US-10-786-720-20464
Sequence 20464, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:

APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 20464
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20464

Query Match 1.9%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 869 GATTACAGCGCTGAGCCAC 887
DB 20 GATTACAGCGCTGAGCCAC 2

DB 1 GATTACAGCGCTGAGCCAC 19

RESULT 265
US-09-918-686-90/c
Sequence 90, Application US/09918686
Patent No. US20020076720A1
GENERAL INFORMATION:

APPLICANT: Brunkow, Mary
APPLICANT: Prohl, Sean
APPLICANT: Paepel, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
FILE REFERENCE: 240083.515
CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 90
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-918-686-90

Query Match 1.9%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 532 ATCTCTGCTGAGCTCCCA 553
DB 22 ATCTCTGCTGAGCTCCCA 1

RESULT 266
US-09-918-686-94/c
Sequence 94, Application US/09918686
Patent No. US20020076720A1
GENERAL INFORMATION:
APPLICANT: Brunkow, Mary
APPLICANT: Prohl, Sean
APPLICANT: Paepel, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
FILE REFERENCE: 240083.515
CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 94
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-918-686-94

Query Match 1.9%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 532 ATCTCTGCTGAGCTCCCA 553
DB 22 ATCTCTGCTGAGCTCCCA 1

RESULT 267
US-10-353-150-90/c
Sequence 90, Application US/10353150
Publication No. US20030157543A1

```

; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Prohl, Sean
; APPLICANT: Paepfer, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-353-150-90

Query Match          1.9%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 532 ATCTCTGCTGCTCAGCCTCCCA 553
Db 22 ATCTCTGCTGCTCAGCCTCCCA 1

RESULT 268
US-10-353-150-94/c
; Sequence 94, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Prohl, Sean
; APPLICANT: Paepfer, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 94
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-353-150-94

Query Match          1.9%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 532 ATCTCTGCTGCTCAGCCTCCCA 553
Db 22 ATCTCTGCTGCTCAGCCTCCCA 1

RESULT 269
US-10-452-510-274/c
; Sequence 274, Application US/10452510
; Publication No. US2004000566A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
```

```

; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-274

Query Match          1.9%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 533 TCCTCTGCTGCTCAGCCTCCCA 554
Db 22 TCCTCTGCTGCTCAGCCTCCCA 1

RESULT 270
US-10-374-077-11
; Sequence 11, Application US/10374077
; Publication No. US20040006779A1
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Yu, Chang-En
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
; FILE REFERENCE: WERNER'S SYNDROME
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/374,077
; FILING DATE: 25-Feb-2003
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Roseman, Stephen
; REGISTRATION NUMBER: 43,058
; REFERENCE/DOCKET NUMBER: 100107.401D1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-10-374-077-11

Query Match          1.9%; Score 18.8; DB 1; Length 22;
```

Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 479 AGTGCAGTGTGTGATCAGC 500
|||||
Db 1 AGTGCAGTGTGTGATCAGC 22

RESULT 271
US-10-617-334-274/c
; Sequence 274, Application US/10617334
; Publication No. US2004005869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-274

Query Match 1.9%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCCTCAGCCTCCCA 554
|||||
Db 22 TCCTCTGCCTCAGCCTCCCA 1

RESULT 272
US-10-655-579-35/c
; Sequence 35, Application US/10655579
; Publication No. US20040126789A1
; GENERAL INFORMATION:
; APPLICANT: Park, Kyusung
; APPLICANT: Lee, Jun E.
; TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
; FILE REFERENCE: 0942.5580002
; CURRENT APPLICATION NUMBER: US/10/655,579
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: 60/408,609
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: 60/427,867
; PRIOR FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Tm81-44, reverse primer
US-10-655-579-35

Query Match 1.9%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;

Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 670 TTGGCTCACTGCAACCTCTGCC 691
|||||
Db 22 TTGGCTCACTGCAACCTCTGCC 1

RESULT 273
US-10-744-465-274/c
; Sequence 274, Application US/10744465
; Publication No. US20040157250A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-92
; CURRENT APPLICATION NUMBER: US/10/744,465
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-744-465-274

Query Match 1.9%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 533 TCCTCTGCCTCAGCCTCCCA 554
|||||
Db 22 TCCTCTGCCTCAGCCTCCCA 1

RESULT 274
US-10-833-679-274/c
; Sequence 274, Application US/10833679
; Publication No. US20040185508A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-135
; CURRENT APPLICATION NUMBER: US/10/833,679
; CURRENT FILING DATE: 2004-04-28
; PRIOR APPLICATION NUMBER: 10/452,510
; PRIOR FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977

```

: PRIOR FILING DATE: 1999-09-01
: NUMBER OF SEQ ID NOS: 287
: SOFTWARE: Patencin 3.0
: SEQ ID NO: 274
: LENGTH: 22
: TYPE: DNA
: ORGANISM: Homo sapiens
:
: US-10-833-679-274

```

Query Match	1.9%	Score 18.8	DB 1	length 22
Best Local Similarity	90.9%	Pred. No. 4.9e+02		
Matches 20	Conservative 0	Mismatches 2	Indels 0	Gaps 0

```

QY      533 TCCTCCTGCCTCAGCCTCCCA 554
          | ||||| | ||||| |
Db      22  TTCTCCTGCCTAGCCTCCCA 1

```

RESULT 275
US-09-771-355-8

```

Sequence 8, Application US/09771355
Publication No. US20020086840A1
GENERAL INFORMATION:
APPLICANT: Reddy, Gurucharan
APPLICANT: Zarling, David A.
TITLE OF INVENTION: USE OF RASp1 INHIBITORS FOR p53 GENE THERAPY
FILE REFERENCE: A-68872-1/18FT/RMS/BTC
CURRENT APPLICATION NUMBER: US/09/771,355
CURRENT FILING DATE: 2001-01-26
NUMBER OF SEQ ID NOS: 14
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 8
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Antisense
OTHER INFORMATION: oligonucleotide
US-09-771-355-8

```

		1.9%;	Score 18.8;	DB 1;	length 23;
		Best Local Similarity	90.9%;	Pred. No. 5, 1e+021;	
		Matches	20;	conservative	0;
		Mismatches	2;	Indels	0;
Gy	837	GATCTGCTGCCTCGGCTTCCC	858		
Db	2	GATCCACCTGCTCGGCTTCCC	23		

RESULT 276
US-09-454-495-9
; Sequence 9, Application US/09454495
; Patent No. US20020147161A1
; GENERAL INFORMATION:
; APPLICANT: Reddy, Guruscharan
; APPLICANT: Zeng, Hong
; APPLICANT: Vallega, Anne
; APPLICANT: Zaiting, David A.
; TITLE OF INVENTION: NOVEL ANTISENSE INHIBITION OF RAD51

```

:
: CURRENT APPLICATION NUMBER: US-09/454,495
:
: PENDING FILING DATE: 1999-12-06
:
: PRIOR APPLICATION NUMBER: 60/119,578
:
: PRIOR FILING DATE: 1999-02-10
:
: NUMBER OF SEQ ID NOS: 10
:
: SOFTWARE: PatentIn Ver. 2.1
:
: SEQ ID NO 9
:
: LENGTH: 23
:
: TYPE: DNA
:
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
:
: US-09-454-495-9

```

Query Match	1.9%	Score 18.8;	DB 1;	length 23;
Best Local Similarity	90.9%;	Pred. No. 5.1e+02;		
Matches 20;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

QY	837	GATCTGCTGCCTCGGGCTCCC	858
Db	2	GATCCACCTGCTCGGGCTCCC	23

RESULT 277
US-09-752-983-246/c

```
; Patent No. US20010016575A1  
; GENERAL INFORMATION:  
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.  
; INVENTOR: Loren J. Miraglia, Pamela Nero, Mark J.
```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:

```

ADDRESS: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ

COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

```

; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: 03/03/134,568
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 03/200,800
 ; FILING DATE: <Unknown>
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32, 237
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515

```

;          00-010-133
; INFORMATION FOR SEQ ID NO: 246:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

```

```

; STRANDEDNESS: Si
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

```

Query Match	1.9%	Score 18.4	DB 1	Length 20
Best Local Similarity	95.0%	Pred. No. 4.8e+02		

```

Qy      668 TCTTGGCTCACTGCAACCTC 687
          |||||
Db      20 TCTTGGCTCACTGCAAGCTC 1

```

RESULT 278
US-09-752-

; Sequence 268, Application US/09752983
; Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTI-SENSE

1 TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ. ID NO: 268:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-268

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 GGATTACAGCGCGTGAAGCCAC 887
DB 20 GGATTACAGCGCGTGAAGCCAC 1

RESULT 279
US-09-834-700-9
Sequence 9, Application US/09834700
Publication No. US2002040130A1
GENERAL INFORMATION:
APPLICANT: Braun, A.
TITLE OF INVENTION: POLYMORPHIC KINASE ANCHOR PROTEINS AND
TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
FILE REFERENCE: 24736-2035
CURRENT APPLICATION NUMBER: US/09/834,700
CURRENT FILING DATE: 2001-04-12
PRIOR APPLICATION NUMBER: 60/217,251
PRIOR FILING DATE: 2000-07-10
PRIOR APPLICATION NUMBER: 60/240,335
PRIOR FILING DATE: 2000-10-13
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide Primer
US-09-834-700-9

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404
DB 1 TCCCAAGTCTGGATTAC 20

RESULT 280
US-09-800-631-24/c
Sequence 24, Application US/09800631
Patent No. US2002008228A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/09/800,631
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-24

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 538 CTGCTCAGCCTCCCAAGTA 557
DB 20 CTGCTCAGCCTCCCAAGTA 1

RESULT 281
US-09-800-631-33
Sequence 33, Application US/09800631
Patent No. US2002008228A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/09/800,631
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-33

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 968 TCTGGCTCACTGCAACCTC 987
DB 1 TCTGGCTCACTGCAACCTC 20

RESULT 282
US-09-956-279-3/c
Sequence 3, Application US/09956279
Publication No. US20020086422A1
GENERAL INFORMATION:

```

; APPLICANT: Weisman, Irving L.
; APPLICANT: Traver, David Jeffrey
; APPLICANT: Akashi, Koichi
; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
; TITLE OF INVENTION: SUBSETS
; FILE REFERENCE: STAN126CIP
; CURRENT APPLICATION NUMBER: US/09/956,279
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 09/607,529
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/141,421
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-956-279-3

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      391 AGTGGTGGATTACAGCGCT 410
DB      20 AGTGGTGGATTACAGCGCAT 1

RESULT 283
US-09-745-605-16/c
; Sequence 16, Application US/09745605
; Patent No. US20020123617A1
; GENERAL INFORMATION:
; APPLICANT: Starling, Gary C.
; APPLICANT: Finger, Joshua N.
; TITLE OF INVENTION: NOVEL IMMUNOGLOBIN SUPERFAMILY MEMBERS APEX-1, APEX-2,
; TITLE OF INVENTION: AND APEX-3 AND USES THEREOF
; FILE REFERENCE: DB13NP
; CURRENT APPLICATION NUMBER: US/09/745,605
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/172,025
; PRIOR FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: JNFI4 PRIMER
US-09-745-605-16

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      867 GGGATTACAGCGCTGACCA 886
DB      20 GGGATTACAGCGTGTGACCA 1

RESULT 284
US-09-263-959-1145/c
; Sequence 1145, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
```

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; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McWaters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 682-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1145:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1145

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      386 CCCAAGTCTGGGATTACA 405
DB      20 CCCAAGTCTGGGATTATA 1

RESULT 285
US-09-898-556A-84/c
; Sequence 84, Application US/09898556A
; Publication No. US20030087849A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/09/898,556A
; CURRENT FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-556A-84

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      967 ATCTGGCTCACTGCAACT 986
DB      20 ATCTGGCTCACTGCAACT 1

RESULT 286
US-09-908-147-94/c
; Sequence 94, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
```

```
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
FILE REFERENCE: RTS-0185
CURRENT APPLICATION NUMBER: US/09/908,147
CURRENT FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 94
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-94

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 672 GGCTCAGTGCACCTCTGCC 691
DB 20 GGTTACTGCAACCTCTGCC 1

RESULT 287
US-10-222-334-14/c
Sequence 14, Application US/10222334
Publication No. US20030073116A1
GENERAL INFORMATION:
APPLICANT: Ginsburg, David
APPLICANT: Levy, Galila
APPLICANT: Tsai, Han-Mou
TITLE OF INVENTION: ADAMTS-3 Genes and Proteins and Variants, and Uses Thereof
FILE REFERENCE: UM-07288
CURRENT APPLICATION NUMBER: US/10/222,334
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 60/312,834
PRIOR FILING DATE: 2001-08-16
NUMBER OF SEQ ID NOS: 78
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-222-334-14

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 931 CTCACCTCTGTATCCAGGCT 950
DB 20 CTCACCTCTGTATCCAGGCT 1

RESULT 288
US-10-270-861-27
Sequence 27, Application US/10270861
Publication No. US2003007749A1
GENERAL INFORMATION:
APPLICANT: Adams, Sean
APPLICANT: Pan, James
TITLE OF INVENTION: UCPS
FILE REFERENCE: PI663R2
CURRENT APPLICATION NUMBER: US/10/270,861
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US/09/433,622
PRIOR FILING DATE: 1999-11-02
PRIOR APPLICATION NUMBER: US 60/110,286
PRIOR FILING DATE: 1998-11-30
PRIOR APPLICATION NUMBER: US 60/129,583
```

```
PRIOR FILING DATE: 1999-04-16
PRIOR APPLICATION NUMBER: US 60/143,886
PRIOR FILING DATE: 1999-07-15
NUMBER OF SEQ ID NOS: 36
SEQ ID NO 27
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
NAME/KEY: Misc feature
LOCATION: 1-20
OTHER INFORMATION: sequence is synthesized
US-10-270-861-27

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 TGGATTACAGGCGTAGGCC 885
DB 1 TGGATTACAGGCGTAGGCC 20

RESULT 289
US-10-006-366-85
Sequence 85, Application US/10006366
Publication No. US20030125273A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSACTIVATOR EXPRESSION
FILE REFERENCE: RTS-0332
CURRENT APPLICATION NUMBER: US/10/006,366
CURRENT FILING DATE: 2001-11-05
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-366-85

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1024 TCCGAGCAGCTGGGATTAC 1043
DB 1 TCCGAGCAGCTGGGATTAC 20

RESULT 290
US-10-293-783-24/c
Sequence 24, Application US/10293783
Publication No. US20030130222A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP.
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/10/293,783
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US/09/800,631
PRIOR FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
```

OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-24

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 538 CTGCCTCAGCTCCCAAGTA 557
Db 20 CTGCCTCAGCTCCCAAGTA 1

RESULT 291

US-10-293-783-33
Sequence 33, Application US/10293783
Publication No. US20030130222A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Jacqueline Wyal

TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP

FILE REFERENCE: ISFH-0544

CURRENT FILING DATE: 2002-11-13

PRIOR APPLICATION NUMBER: US/09/800,631

PRIOR FILING DATE: 2001-03-07

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR FILING DATE: 2000-09-07

NUMBER OF SEQ ID NOS: 175

SEQ ID NO 33

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-293-783-33

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 968 TCTCGGCTCACTGCAACCTC 987
Db 1 TCTCGGCTCACTGCAACCTC 20

RESULT 292

US-10-376-566-83

Sequence 83, Application US/10376566

Publication No. US20030158144A1

GENERAL INFORMATION:

APPLICANT: Kenneth W. Doble

APPLICANT: Mark P. Roach

TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR BETA EXPRESSION

FILE REFERENCE: RTS-0347

CURRENT FILING DATE: 2003-02-27

PRIOR APPLICATION NUMBER: US/10/005,058

PRIOR FILING DATE: 2001-12-07

NUMBER OF SEQ ID NOS: 96

SEQ ID NO 83

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-376-566-83

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1115 CTGCTCAAACTCCTGACC 1134

Db 1 CTGCTCAAACTCCTGACC 20

RESULT 293
US-10-272-665-53
Sequence 53, Application US/10272665

Publication No. US20030180748A1

GENERAL INFORMATION:

APPLICANT: Braun et al.

TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PO

FILE REFERENCE: 24736-2033E

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: US/10/272,665

PRIOR FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 09/687,483

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 60/217,658

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 60/159,176

PRIOR FILING DATE: 1999-10-13

PRIOR APPLICATION NUMBER: 60/217,251

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 09/663,968

PRIOR FILING DATE: 2000-09-19

NUMBER OF SEQ ID NOS: 118

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 53

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide Primer

US-10-272-665-53

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 385 TCCCAAGTGTGGATTAC 404
Db 1 TCCCAAGTGTGGATTAC 20

RESULT 294

US-10-273-321-53

Sequence 53, Application US/10273321

Publication No. US20030180749A1

GENERAL INFORMATION:

APPLICANT: Braun et al.

TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PO

FILE REFERENCE: 24736-2033B

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: US/10/273,321

PRIOR FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 09/687,483

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 60/217,658

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 60/159,176

PRIOR FILING DATE: 1999-10-13

PRIOR APPLICATION NUMBER: 60/217,251

PRIOR FILING DATE: 2000-07-10

PRIOR APPLICATION NUMBER: 09/663,968

PRIOR FILING DATE: 2000-09-19

NUMBER OF SEQ ID NOS: 118

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 53

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Oligonucleotide Primer

US-10-273-321-53

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404
1 TCCCAAGTCTGGATTAC 20
DB

RESULT 295

US-10-331-907-257/c
Sequence 257, Application US/10331907
Publication No. US20030181660A1
GENERAL INFORMATION:

APPLICANT: Todd, John A
Hess, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshiniko
Merriman, Tony R
Metzker, Michael L

TITLE OF INVENTION: No. US20030181660A1el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSER: Nixon and Vanderhye
STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 257:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 257:
US-10-331-907-257

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 391 AGTCTGGATTACAGCGCT 410

DB 20 AGTCTGGATTACAGCGCT 1

RESULT 296

US-10-331-907-296
Sequence 296, Application US/10331907
Publication No. US20030181660A1
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hess, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshiniko
Merriman, Tony R
Metzker, Michael L

TITLE OF INVENTION: No. US20030181660A1el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSER: Nixon and Vanderhye
STREET: 1100 No. US20030181660A1th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 296:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 296:
US-10-331-907-296

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 673 GCTCACTGCAACCTCTGCT 692
1 GCTCACTGCAACCTCTGCT 20
DB

RESULT 297
US-10-272-756-53
Sequence 53, Application US/10272756

```
/ Publication No. US20030190644A1
/ GENERAL INFORMATION:
/ APPLICANT: Braun et al.
/ TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PO
/ FILE REFERENCE: 24736-2033C
/ CURRENT FILING DATE: 2002-10-15
/ PRIOR APPLICATION NUMBER: 09/687,483
/ PRIOR FILING DATE: 2000-07-10
/ PRIOR APPLICATION NUMBER: 60/217,658
/ PRIOR FILING DATE: 2000-07-10
/ PRIOR APPLICATION NUMBER: 60/159,176
/ PRIOR FILING DATE: 1999-10-13
/ PRIOR APPLICATION NUMBER: 60/217,251
/ PRIOR FILING DATE: 2000-07-10
/ PRIOR APPLICATION NUMBER: 09/663,968
/ PRIOR FILING DATE: 2000-09-19
/ NUMBER OF SEQ ID NOS: 118
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 53
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide Primer
US-10-272-756-53
```

```
Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      385 TCCCAAGTGTGGATTAC 404
          |||||
DB      1 TCCCAAGTGTGGATTAC 20
```

```
RESULT 298
US-10-005-344-246/c
/ Sequence 246, Application US/10005344
/ Publication No. US20030203862A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia
/ APPLICANT: Pamela Nero
/ APPLICANT: Mark J. Graham
/ APPLICANT: Brett P. Monia
/ APPLICANT: Erich Koller
/ APPLICANT: Mingsi Chiang
/ APPLICANT: Mano Manoharan
/ TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
/ FILE REFERENCE: ISPH-0622
/ CURRENT APPLICATION NUMBER: US/10/005,344
/ CURRENT FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: 09/048,810
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: US 09/280,805
/ PRIOR FILING DATE: 1998-03-26
/ NUMBER OF SEQ ID NOS: 379
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 246
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-246
```

```
Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      668 TCTTGCTCACTGCACCTC 687
          |||||
```

```
DB      20 TCTTGCTCACTGCACCTC 1
```

```
RESULT 299
US-10-005-344-268/c
/ Sequence 268, Application US/10005344
/ Publication No. US20030203862A1
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia
/ APPLICANT: Pamela Nero
/ APPLICANT: Mark J. Graham
/ APPLICANT: Brett P. Monia
/ APPLICANT: Erich Koller
/ APPLICANT: Mingsi Chiang
/ APPLICANT: Mano Manoharan
/ TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
/ FILE REFERENCE: ISPH-0622
/ CURRENT APPLICATION NUMBER: US/10/005,344
/ CURRENT FILING DATE: 2001-12-04
/ PRIOR APPLICATION NUMBER: US 09/048,810
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: US 09/280,805
/ PRIOR FILING DATE: 1999-03-26
/ NUMBER OF SEQ ID NOS: 379
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 268
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-268
```

```
Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      868 GGATTACAGCGGTGAGCCAC 887
          |||||
DB      20 GGATTACAGCGGTGAGCCAC 1
```

```
RESULT 300
US-10-273-228-53
/ Sequence 53, Application US/10273228
/ Publication No. US20030207297A1
/ GENERAL INFORMATION:
/ APPLICANT: Braun et al.
/ TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PO
/ FILE REFERENCE: 24736-2033D
/ CURRENT APPLICATION NUMBER: US/10/273,228
/ CURRENT FILING DATE: 2002-10-15
/ PRIOR APPLICATION NUMBER: 09/687,483
/ PRIOR FILING DATE: 2000-07-10
/ PRIOR APPLICATION NUMBER: 60/217,658
/ PRIOR FILING DATE: 2000-07-10
/ PRIOR APPLICATION NUMBER: 60/159,176
/ PRIOR FILING DATE: 1999-10-13
/ PRIOR APPLICATION NUMBER: 60/217,251
/ PRIOR FILING DATE: 2000-07-10
/ PRIOR APPLICATION NUMBER: 09/663,968
/ PRIOR FILING DATE: 2000-09-19
/ NUMBER OF SEQ ID NOS: 118
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO: 53
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide Primer
US-10-273-228-53
```

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGATTAC 404
DB 1 TCCCAAGTCTGGATTAC 20

RESULT 301
US-10-148-355A-68/C
; Sequence 68, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT FILING DATE: 2002-09-30
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-68

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 735 TGGACTACAGCGCCGACC 754
DB 20 TGGACTACAGCGCCGACC 1

RESULT 302
US-10-148-355A-73/C
; Sequence 73, Application US/10148355A
; Publication No. US20030207831A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowbert
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; FILE REFERENCE: RTSP-0082
; CURRENT FILING DATE: 2002-09-30
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-73

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGCTGGATTACAGCGGTGA 882
DB 20 TGCTGGATTACAGCGGTGA 1

RESULT 303
US-10-181-875-71/C

; Sequence 71, Application US/10181875
; Publication No. US20030216333A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESSION
; FILE REFERENCE: RTSP-0356
; CURRENT FILING DATE: 2002-07-22
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-875-71

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 968 TCTGGCTCACTGCAACTC 987
DB 20 TCTGGCTCACTGCAACTC 1

RESULT 304
US-10-181-875-73/C
; Sequence 73, Application US/10181875
; Publication No. US20030216333A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESSION
; FILE REFERENCE: RTSP-0356
; CURRENT FILING DATE: 2002-07-22
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-875-73

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 TGCTGGATTACAGCGGTGA 882
DB 20 TGCTGGATTACAGCGGTGA 1

RESULT 305
US-10-282-174-211/C
; Sequence 211, Application US/10282174

```
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Velicelebi, Gonul
APPLICANT: Elliot, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Bertiam, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Sampson, Andrew Johnson
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/339,525
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 60/338,010
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/336,929
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/368,919
PRIOR FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 211
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-282-174-211

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1064 CGCTAATTTTGTATTTC A 1083
DB 20 CGCTAATTTTGTATTTC A 1

RESULT 306
US-10-388-263-672/c
Sequence 672, Application US/10388263
GENERAL INFORMATION:
APPLICANT: Cowsett, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freiler, Susan M.
APPLICANT: Sasnor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 672
```

```
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-672

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 538 CTGCGTCAGCCTCCCACTA 557
DB 20 CTGCGTCAGCCTCCCACTA 1

RESULT 307
US-10-388-263-681
Sequence 681, Application US/10388263
GENERAL INFORMATION:
APPLICANT: Cowsett, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freiler, Susan M.
APPLICANT: Sasnor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 681
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-681

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 968 TCTGCGTCACCTGCAACCTC 987
DB 1 TCTGCGTCACCTGCAACCTC 20

RESULT 308
US-10-189-268-71
Sequence 71, Application US/10189268
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF GERANYLGERANYL DIPHOSPHATE SYNTHASE 1 EXP
FILE REFERENCE: PFS-0021
CURRENT APPLICATION NUMBER: US/10/189,268
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 131
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
```

```
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-268-71

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 938 TGTACCAGGCTGAGTGC 957
DB 1 TGTGCCCAGGCTGAGTGC 20

RESULT 309
US-10-199-676-38
/ Sequence 38, Application US/10199676
/ Publication No. US20040014051A1
/ GENERAL INFORMATION:
/ APPLICANT: Vickie L. Brown-Driver
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
/ FILE REFERENCE: PTS-0017
/ CURRENT APPLICATION NUMBER: US/10/199,676
/ CURRENT FILING DATE: 2002-07-18
/ NUMBER OF SEQ ID NOS: 84
/ SEQ ID NO 38
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-676-38

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGCTGGAG 654
DB 1 CTCTGTGCCCCAGGCTGGAG 20

RESULT 310
US-10-199-676-74/c
/ Sequence 74, Application US/10199676
/ Publication No. US20040014051A1
/ GENERAL INFORMATION:
/ APPLICANT: Vickie L. Brown-Driver
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
/ FILE REFERENCE: PTS-0017
/ CURRENT APPLICATION NUMBER: US/10/199,676
/ CURRENT FILING DATE: 2002-07-18
/ NUMBER OF SEQ ID NOS: 84
/ SEQ ID NO 74
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
US-10-199-676-74

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGCTGGAG 654
DB 20 CTCTGTGCCCCAGGCTGGAG 1

RESULT 311
US-10-212-993-82
/ Sequence 82, Application US/10212993

Publication No. US20040023385A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF REQULEM EXPRESSION
/ FILE REFERENCE: PTS-0031
/ CURRENT APPLICATION NUMBER: US/10/212,993
/ CURRENT FILING DATE: 2002-08-05
/ NUMBER OF SEQ ID NOS: 132
/ SEQ ID NO 82
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-212-993-82

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 545 AGCCTCCCAAGTAGTGGGA 564
DB 1 AGCCTCTCAAGTAGTGGGA 20

RESULT 312
US-10-212-993-131/c
/ Sequence 131, Application US/10212993
/ Publication No. US20040023385A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF REQULEM EXPRESSION
/ FILE REFERENCE: PTS-0031
/ CURRENT APPLICATION NUMBER: US/10/212,993
/ CURRENT FILING DATE: 2002-08-05
/ NUMBER OF SEQ ID NOS: 132
/ SEQ ID NO 131
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: H. sapiens
/ FEATURE:
US-10-212-993-131

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 545 AGCCTCCCAAGTAGTGGGA 564
DB 20 AGCCTCTCAAGTAGTGGGA 1

RESULT 313
US-10-728-509-94/c
/ Sequence 94, Application US/10728509
/ Publication No. US20040077583A1
/ GENERAL INFORMATION:
/ APPLICANT: Hong Zhang
/ APPLICANT: Andrew T. Watt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
/ FILE REFERENCE: RTS-0185
/ CURRENT APPLICATION NUMBER: US/10/728,509
/ CURRENT FILING DATE: 2003-12-05
/ PRIOR APPLICATION NUMBER: US/09/908,147
/ PRIOR FILING DATE: 2001-07-17
/ NUMBER OF SEQ ID NOS: 168
/ SEQ ID NO 94
/ LENGTH: 20
/ TYPE: DNA
```


FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-137

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query 685 CTCGCTCCCGGGGTTCAAG 704
Db 20 CTCGCTCCCGGGGTTCAAG 1

RESULT 319
US-10-671-395-112/c
Sequence 112, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 112
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-112

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query 389 AAAGTGTGGATTACAGGC 408
Db 20 AAAGTGTGGATTACAGGC 1

RESULT 320
US-10-671-395-137/c
Sequence 137, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 137
LENGTH: 20
TYPE: DNA
ORGANISM: artificial

FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-137

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query 989 GCTCCCGGGGTTCAAGCAT 1008
Db 20 GCTCCCGGGGTTCAAGCAT 1

RESULT 321
US-10-671-395-231/c
Sequence 231, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 231
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-231

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Query 990 CCTCCCGGGGTTCAAGCAT 1009
Db 20 CCTCCCGGGGTTCAAGCAT 1

RESULT 322
US-10-671-395-261/c
Sequence 261, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 261
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-261

Query Match
Best Local Similarity 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 994 CCGGGCTCAAGCGATTCTCC 1013
Db 20 CCGGGCTCAAGCGATTCTCC 1

RESULT 323

US-10-671-395-266/c
; Sequence 266, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 266
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-266

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 388 CAAAGTCTGGGATTACAGG 407
Db 20 CAAAGTCTGGGATTACAGG 1

RESULT 324

US-10-671-395-269/c
; Sequence 269, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 269
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-269

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 993 CCGGGCTCAAGCGATTCTC 1012
Db 20 CCGGGCTCAAGCGATTCTC 1

RESULT 325

US-10-671-395-307/c
; Sequence 307, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 307
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-307

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 991 CTCGGGGCTCAAGCGATTCT 1010
Db 20 CTCGGGGCTCAAGCGATTCT 1

RESULT 326

US-10-671-395-308/c
; Sequence 308, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 308
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-308

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 992 TCCGGGGCTCAAGCGATTCT 1011
Db 20 TCCGGGGCTCAAGCGATTCT 1

RESULT 327

US-10-671-395-350/c
; Sequence 350, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE

```

; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 350
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-350

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      385 TCCCAAGTCTGGATTAC 404
Db      20 TCCCAAGTCTGGATTAC 1

RESULT 328
US-10-671-395-423/c
; Sequence 423, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 423
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-423

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      386 CCCAAGTCTGGATTACA 405
Db      20 CCCAAGTCTGGATTACA 1

RESULT 329
US-10-671-395-582/c
; Sequence 582, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-582
```

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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-582

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      384 CTCCAAGTCTGGATTGA 403
Db      20 CTCCAAGTCTGGATTGA 1

RESULT 330
US-10-671-395-632/c
; Sequence 632, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 632
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-632

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      387 CCAAGTCTGGATTACAG 406
Db      20 CCAAGTCTGGATTACAG 1

RESULT 331
US-10-671-395-658/c
; Sequence 658, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 658
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-658
```



```
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gliese, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1282
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
/ US-10-671-395-1282

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      726 CTGAGTAGCTGGAGCTACAG 745
DB      20 CTGAGTAGCTGGAGATTACAG 1

RESULT 337
US-10-671-395-1324/c
/ Sequence 1324, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gliese, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1324
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
/ US-10-671-395-1324

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      728 GAGTAGCTGGGACTACAGGC 747
DB      20 GAGTAGCTGGGATTACAGGC 1

RESULT 338
US-10-671-395-1370/c
/ Sequence 1370, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gliese, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
```

```
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1370
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
/ US-10-671-395-1370

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      725 CCTGAGTAGCTGGGACTACA 744
DB      20 CCTGAGTAGCTGGGATTACA 1

RESULT 339
US-10-671-395-1390/c
/ Sequence 1390, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gliese, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1390
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: artificial
/ FEATURE:
/ OTHER INFORMATION: Human PGE2 antisense
/ US-10-671-395-1390

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      729 AGTAGCTGGGACTACAGCG 748
DB      20 AGTAGCTGGGATTACAGCG 1

RESULT 340
US-10-671-395-1391/c
/ Sequence 1391, Application US/10671395
/ Publication No. US20040132063A1
/ GENERAL INFORMATION:
/ APPLICANT: Pharmacia Corp.
/ APPLICANT: Gliese, James K
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
/ TITLE OF INVENTION: EXPRESSION
/ FILE REFERENCE: 1179/1/US
/ CURRENT APPLICATION NUMBER: US/10/671,395
/ CURRENT FILING DATE: 2003-09-25
/ PRIOR APPLICATION NUMBER: 60/413,549
/ PRIOR FILING DATE: 2002-09-25
/ NUMBER OF SEQ ID NOS: 1809
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1391
```

LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1391

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 843 CCTGCTCGGCTCCCAAG 862
|||
DB 20 CCGGCTCGGCTCCCAAG 1

RESULT 341
US-10-671-395-1417/c
Sequence 1417, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1417
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1417

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 773 TGTATTTTACGAGATGC 792
|||
DB 20 TGTATTTTACGAGATGC 1

RESULT 342
US-10-671-395-1432/c
Sequence 1432, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1432
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1432

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 TTGTATTTTACGAGATGC 791
|||
DB 20 TTGTATTTTACGAGATGC 1

RESULT 343
US-10-671-395-1438/c
Sequence 1438, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1438
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1438

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 GTAGCTGGAGTACAGGCC 749
|||
DB 20 GTAGCTGGAGTACAGGCC 1

RESULT 344
US-10-671-395-1448/c
Sequence 1448, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1448
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1448

Query Match 1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 715 GCCCAGCTCTCTGATGAC 734
|||
DB 20 GCCCAGCTCTCTGATGAC 1

```
RESULT 345
US-10-671-395-1453/c
; Sequence 1453, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOmal PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent version 3.2
; SEQ ID NO 1453
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1453

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      716 CCCGAGCTCTGAGTAGCT 735
DB      20 CTCGAGCTCTGAGTAGCT 1

RESULT 346
US-10-671-395-1507/c
; Sequence 1507, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOmal PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent version 3.2
; SEQ ID NO 1507
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1507

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      774 GATTTTGTAGTAGGATGG 793
DB      20 GATTTTGTAGTAGGATGG 1

RESULT 347
US-10-671-395-1524/c
; Sequence 1524, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOmal PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent version 3.2
; SEQ ID NO 1524
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1524

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      724 TCCTGAGTAGCTGGAGCTAC 743
DB      20 TCCTGAGTAGCTGGAGCTAC 1

RESULT 348
US-10-671-395-1550/c
; Sequence 1550, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOmal PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent version 3.2
; SEQ ID NO 1550
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1550

Query Match      1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      717 CCCAGCTCTGAGTAGCTG 736
DB      20 CTCGAGCTCTGAGTAGCTG 1

RESULT 349
US-10-671-395-1609/c
; Sequence 1609, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOmal PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
```

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; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 1609
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1609

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      723 CTCTGAGTAGCTGGACTA 742
DB      20 CTCTGAGTAGCTGGACTTA 1

RESULT 350
US-10-671-395-1629/c
; Sequence 1629, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 1629
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1629

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      722 CCTCTGAGTAGCTGGACT 741
DB      20 CCTCTGAGTAGCTGGACTT 1

RESULT 351
US-10-737-576-3/c
; Sequence 3, Application US/10737576
; Publication No. US20040132186A1
; GENERAL INFORMATION:
; APPLICANT: Weisman, Irving L.
; APPLICANT: Traver, David Jeffrey
; APPLICANT: Akashi, Koichi
; TITLE OF INVENTION: MAMMALIAN MELOID PROGENITOR CELL
; FILE REFERENCE: STAN126CIP
; CURRENT APPLICATION NUMBER: US/10/737,576
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: US/09/956,279
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 09/607,529
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/141,421
; PRIOR FILING DATE: 1999-06-29
```

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; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-737-576-3

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      391 AGTCTGGATTACAGGCGT 410
DB      20 AGTCTGGATTACAGGCAT 1

RESULT 352
US-10-745-377-63/c
; Sequence 63, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-63

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      485 GTGGTGATGATCAGCTCAC 504
DB      20 GTGGTGATGATCAGCTCAC 1

RESULT 353
US-10-772-542-84/c
; Sequence 84, Application US/10772542
; Publication No. US20040142898A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Pfeifer
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/10/772,542
; CURRENT FILING DATE: 2004-02-05
```

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; PRIOR APPLICATION NUMBER: US/09/898,556
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-772-542-84

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 967 ATCTGGCTCACTGCAACT 986
DB 20 ATCTGGCTCACTGCAACT 1

RESULT 354
US-10-476-021-44/c
; Sequence 44, Application US/10476021
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-44

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 546 GCCTCCCAAGTACTGGAC 565
DB 20 GCCTCCCAAGTACTGGAC 1

RESULT 355
US-10-484-669-87
; Sequence 87, Application US/10484669
; Publication No. US20040209358A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/10/484,669
; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/09/920,759
; PRIOR FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-484-669-87

Query Match          1.9%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 665 CATCTTGGCTCACTGCAAC 684
DB 1 CATCTTGGCTCACTGCAAC 20

RESULT 356
US-10-786-720-13243/c
; Sequence 13243, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13243
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13243

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 531 CATCTCTGCTGCTCAGCTC 550
DB 20 CATCTCTGCTGCTCAGCTC 1

RESULT 357
US-10-786-720-13254
; Sequence 13254, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13254
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-13254

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 5e+02;
Matches 14; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 967 ATCTGGCTCACTGCAACT 986
DB 1 ATCTGGCTCACTGCAACT 20

RESULT 358
US-10-786-720-20212
; Sequence 20212, Application US/10786720
; Publication No. US20040191818A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20212
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20212

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      966 AATCGGCTCACTGCAACC 985
Db      2 AATCGAGCTCACTGCAACC 21
      |||||
      |||||

RESULT 359
US-10-786-720-20213
; Sequence 20213, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20213
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20213

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 5e+02;
Matches 14; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy      967 AATCGGCTCACTGCAACCT 986
Db      1 AUTCAGCUCACUGCAACCU 20
      |||||
      |||||

RESULT 360
US-10-786-720-20221
; Sequence 20221, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20221
; LENGTH: 21
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20221

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      198 CATGTGTCAGGCTGCT 217
Db      1 CATGTGACAGGCTGCT 20
      |||||
      |||||

RESULT 361
US-10-786-720-20232/c
; Sequence 20232, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20232
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20232

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      642 ACCGAGCTGAGTGCAGTG 661
Db      20 ACCTAGGCTGAGTGCAGTG 1
      |||||
      |||||

RESULT 362
US-10-786-720-20364
; Sequence 20364, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20364
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20364

Query Match          1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 5e+02;
Matches 14; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy      1116 TGCTCAACTCCTGACCT 1135
Db      1 UGGUCUCAAUCCAGACCU 20
      |||||
      |||||
```

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RESULT 363
US-10-786-720-20365/c
; Sequence 20365, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20365
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20365

Query Match      1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1109 GTCAGGCTGCTCTCAAACTC 1128
DB      20 GCCAGGCTGCTCTCAAACTC 1

RESULT 364
US-10-786-720-20370
; Sequence 20370, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20370
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20370

Query Match      1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 5e+02;
Matches 13; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY      198 CATGTTGCTGAGCTGCTCT 217
DB      1 CAUCUUGCCAGCGUGGUCU 20

RESULT 365
US-10-786-720-20371/c
; Sequence 20371, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
```

```
NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20371
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20371

Query Match      1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      197 CCATGTTGCTGAGCTGCTC 216
DB      20 CCATGTTGCTGAGCTGCTC 1

RESULT 366
US-10-786-720-20376
; Sequence 20376, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20376
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20376

Query Match      1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 5e+02;
Matches 13; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY      1005 CGATTCTCCTGCTCTCAGCT 1024
DB      1 CGAUTCUCUCCGCUCCAGCCU 20

RESULT 367
US-10-786-720-20377/c
; Sequence 20377, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20377
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20377

Query Match      1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1000 TCAAGCATCTCTCTGCTC 1019
```

Db 20 TCAAGCAGATCTCCGCGCTC 1
RESULT 368
US-10-786-720-20440
; Sequence 20440, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20440
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20440
Query Match 1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 869 GATTACAGGCGGTGAGCCACC 888
Db 1 GATTACAGGCGGTGAGCCACC 20
RESULT 369
US-10-786-720-20626
; Sequence 20626, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20626
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20626
Query Match 1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 646 AGCGTGAAGTGCAGTGGCGC 665
Db 2 AGCGTGAAGTGCAGTGGCGC 21
RESULT 370
US-10-786-720-20628/c
; Sequence 20628, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20628
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20628
Query Match 1.9%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 5e+02; 1; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 646 AGCGTGAAGTGCAGTGGCGC 665
Db 20 AGCGTGAAGTGCAGTGGCGC 1
RESULT 371
US-09-728-552-1
; Sequence 1, Application US/09728552
; Publication No. US20030096398A1
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Du Sart, Desirée
; APPLICANT: Cancilla, Michael R.
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
; FILE REFERENCE: Davies Col
; CURRENT FILING DATE: 2000-12-02
; PRIOR FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
US-09-728-552-1
Query Match 1.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
QY 868 GATTACAGGCGGTGAGCCA 886
Db 1 GATTACAGGCGGTGAGCCA 19
RESULT 372
US-10-463-981B-1
; Sequence 1, Application US/10463981B
; Publication No. US20040081982A1
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Wong, Lee Hwa
; APPLICANT: Saffery, Richard Eric
; TITLE OF INVENTION: Neocentromere-based mini-chromosomes or artificial chromosomes
; FILE REFERENCE: A35869-PCT-USA-A (071838.0140)
; CURRENT FILING DATE: 2003-06-17
; PRIOR FILING DATE: 2001-12-20
; PRIOR FILING DATE: 2001-12-20
; PRIOR FILING DATE: 2000-12-21
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1

```
/ LENGTH: 19
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-463-981B-1
```

```
Query Match 1.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 868 GGATTACAGCGCTGAGCCA 886
Db 1 GGATTACAGGYRTGAGCCA 19
```

```
RESULT 373
US-09-935-223-7
Sequence 7, Application US/09935223
Publication No. US20020086983A1
GENERAL INFORMATION:
APPLICANT: Alnemeti, Emad S.
TITLE OF INVENTION: Padd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, At
FILE REFERENCE: TJU2499
CURRENT APPLICATION NUMBER: US/09/935,223
CURRENT FILING DATE: 2001-08-22
PRIOR APPLICATION NUMBER: 09/723,450
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/276,993
PRIOR FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: 08/859,167
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.1
SEQ ID NO 7
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Novel Sequence
US-09-935-223-7
```

```
Query Match 1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 208 AGGCTGCTCTCGAAGCTCC 225
Db 1 AGGCTGCTCTCGAAGCTCC 18
```

```
RESULT 374
US-09-935-223-9
Sequence 9, Application US/09935223
Publication No. US20020086983A1
GENERAL INFORMATION:
APPLICANT: Alnemeti, Emad S.
TITLE OF INVENTION: Padd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, At
FILE REFERENCE: TJU2499
CURRENT APPLICATION NUMBER: US/09/935,223
CURRENT FILING DATE: 2001-08-22
PRIOR APPLICATION NUMBER: 09/723,450
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: 09/276,993
PRIOR FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: 08/859,167
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.1
SEQ ID NO 9
LENGTH: 18
```

```
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Novel Sequence
US-09-935-223-9
```

```
Query Match 1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 851 GGCTCCCAAGTCTGG 868
Db 1 GGCTCCCAAGTCTGG 18
```

```
RESULT 375
US-10-198-069-43
Sequence 43, Application US/10198069
Publication No. US20030096756A1
GENERAL INFORMATION:
APPLICANT: AVERBACK, PAUL
TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
FILE REFERENCE: 59003.000009
CURRENT APPLICATION NUMBER: US/10/198,069
CURRENT FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,161
PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/306,150
PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/331,477
PRIOR FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 43
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-43
```

```
Query Match 1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 903 TTTAATTTTGTGTTT 920
Db 1 TTTAATTTTGTGTTT 18
```

```
RESULT 376
US-10-198-069-44
Sequence 44, Application US/10198069
Publication No. US20030096756A1
GENERAL INFORMATION:
APPLICANT: AVERBACK, PAUL
TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
FILE REFERENCE: CELLS
CURRENT APPLICATION NUMBER: US/10/198,069
CURRENT FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,161
PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/306,150
PRIOR FILING DATE: 2001-07-19
PRIOR APPLICATION NUMBER: 60/331,477
PRIOR FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patentin Ver. 2.1
```

```
; SEQ ID NO 44
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-44
```

```
Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      603 TTTATTTTAAATTTTGG 620
Db      1 TTTATTTTAAATTTTGG 18
```

RESULT 377

```
US-10-255-434-4
; Sequence 4, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; FEATURE:
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
US-10-255-434-4
```

```
Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      394 GCTGGATTACAGGCGTG 411
Db      1 GCTGGATTACAGGCGTG 18
```

RESULT 378

```
US-10-255-434-16/c
; Sequence 16, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett P.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
US-10-255-434-16
```

```
Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      394 GCTGGATTACAGGCGTG 411
Db      18 GCTGGATTACAGGCGTG 1
```

RESULT 379

```
US-10-171-319-46/c
; Sequence 46, Application US/10171319
; Publication No. US20030157633A1
; GENERAL INFORMATION:
; APPLICANT: Ardem Patapoutian
; APPLICANT: Peter McIntyre
; APPLICANT: Stuart Bevan
; APPLICANT: Chuanzheng Song
; APPLICANT: Pamosh Ganju
; TITLE OF INVENTION: VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS
; FILE REFERENCE: 4-32048A
; CURRENT APPLICATION NUMBER: US/10/171,319
; CURRENT FILING DATE: 2002-10-24
; PRIOR APPLICATION NUMBER: 60/297,835
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: 60/351,238
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/352,914
; PRIOR FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: 60/357,161
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: 60/381,086
; PRIOR FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: 60/381,739
; PRIOR FILING DATE: 2002-05-16
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-171-319-46
```

```
Query Match          1.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Oy      638 TGTACCCAGGCTGAGT 655
Db      18 TGTACCCAGGCTGAGT 1
```

RESULT 380

```
US-09-881-012-160/c
; Sequence 160, Application US/09881012
; Publication No. US20020192655A1
; GENERAL INFORMATION:
; APPLICANT: Gims, Edward I.
; APPLICANT: Egeland, Janice A.
```

```
APPLICANT: Paul, Steven M.
APPLICANT: The Government of the United States of America
APPLICANT: as represented by The Secretary of the
APPLICANT: Department of Health and Human Services
TITLE OF INVENTION: Susceptibility and Resistance Genes for
FILE REFERENCE: 015280-248110US
CURRENT APPLICATION NUMBER: US/09/881,012
CURRENT FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US/09/175,158
PRIOR FILING DATE: 1998-10-19
PRIOR APPLICATION NUMBER: US 60/062,924
PRIOR FILING DATE: 1997-10-20
NUMBER OF SEQ ID NOS: 240
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 160
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: DAS1575 reverse primer
US-09-881-012-160

Query Match          1.8%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      639 GTCACCCAGGCTGAGTG 656
DB      19 GTCACCCAGGCTGAGTG 2

RESULT 381
US-10-098-871-37
Sequence 37, Application US/10098871
Publication No. US20030198958A1
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
APPLICANT: Fernandes, Elma
APPLICANT: Hermann, John
APPLICANT: Liu, Xiaohong
APPLICANT: Yang, WeiJia
APPLICANT: Boldog, Ferenc
APPLICANT: Smithson, Glenda
APPLICANT: Rastelli, Luca
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
TITLE OF INVENTION: METHODS OF USING THE SAME
FILE REFERENCE: CORA-65 CIP
CURRENT APPLICATION NUMBER: US/10/098,871
CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: 09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: 60/153,629
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: 60/154,520
PRIOR FILING DATE: 1999-09-16
PRIOR APPLICATION NUMBER: 60/154,762
PRIOR FILING DATE: 1999-09-20
PRIOR APPLICATION NUMBER: 60/159,231
PRIOR FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: 60/276,960
PRIOR FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 80
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 37
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Ag121 forward primer
US-10-098-871-37

Query Match          1.8%; Score 18; DB 1; Length 19;
```

```
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      644 CCAGGCTGAGTGACGTG 661
DB      2 CCAGGCTGAGTGACGTG 19

RESULT 382
US-09-950-840-28/c
Sequence 28, Application US/09950840
Publication No. US20030027155A1
GENERAL INFORMATION:
APPLICANT: DEJEAN, ANNE
APPLICANT: MARCHIO, AGNES
APPLICANT: PINEAU, PASCAL
TITLE OF INVENTION: HOMOOZYGOUS DELETION OF CHROMOSOME 8p23 IN
FILE REFERENCE: 3495.0210
CURRENT APPLICATION NUMBER: US/09/950,840
CURRENT FILING DATE: 2001-09-13
PRIOR APPLICATION NUMBER: 60/234,308
PRIOR FILING DATE: 2000-09-21
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-950-840-28

Query Match          1.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      729 AGTAGCTGGAGCTACAGG 746
DB      18 AGTAGCTGGAGCTACAGG 1
```

```
RESULT 383
US-10-148-355A-64/c
Sequence 64, Application US/10148355A
Publication No. US20030207831A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RSP-0082
CURRENT APPLICATION NUMBER: US/10/148,355A
CURRENT FILING DATE: 2002-09-30
PRIOR APPLICATION NUMBER: 09/467,642
PRIOR FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-64
```

```
Query Match          1.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      647 GGCTGAGTGCAGTGCGG 664
DB      20 GGCTGAGTGCAGTGCGG 3
```

```
RESULT 384
US-10-172-911-80
; Sequence 80, Application US/10172911
; Publication No. US2003023434A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowart
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION
; FILE REFERENCE: PIS-0016
; CURRENT APPLICATION NUMBER: US/10/172,911
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-172-911-80

Query Match          1.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      643 CCCAGGCTGAGTGCAGT 660
DB      3   CCCAGGCTGAGTGCAGT 20

RESULT 385
US-10-671-395-1573/c
; Sequence 1573, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAML PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1573
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1573

Query Match          1.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      769 TTTTGTATTTTATAGT 786
DB      18 TTTTGTATTTTATAGT 1

RESULT 386
US-10-786-720-13911/c
; Sequence 13911, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
```

```
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13911
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13911

Query Match          1.8%; Score 18; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      946 AGGCTGAGTGCATGCG 963
DB      20 AGGCTGAGTGCATGCG 3

RESULT 387
US-10-786-720-14252
; Sequence 14252, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14252
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-14252

Query Match          1.8%; Score 18; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 5.2e+02;
Matches 15; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      871 TTACAGGCGTGCACACC 888
DB      1 TTACAGGCGTGCACACC 18

RESULT 388
US-10-786-720-20188/c
; Sequence 20188, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20188

Query Match          1.8%; Score 18; DB 1; Length 21;
```

Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;
QY 944 CAGGCTGAGTGCAATG 961
18 CAGGCTGAGTGCAATG 1
DB

RESULT 389
US-10-786-720-20430/c
Sequence 20430, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20430
LENGTH: 21
TYPE: RNA
ORGANISM: RNAI-antisense strand
US-10-786-720-20430

Query Match 1.8%; Score 18; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 653 AGTCAGTGGCGCAATCT 670
20 AGTCAGTGGCGCAATCT 3
DB

RESULT 390
US-10-786-720-20466/c
Sequence 20466, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20466
LENGTH: 21
TYPE: RNA
ORGANISM: RNAI-antisense strand
US-10-786-720-20466

Query Match 1.8%; Score 18; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 870 ATTACAGCGGTGAGCCAC 887
20 ATTACAGCGGTGAGCCAC 3
DB

RESULT 391
US-09-918-686-93
Sequence 93, Application US/09918686
Patent No. US20020076720A1
GENERAL INFORMATION:

APPLICANT: Brunkow, Mary
APPLICANT: Prohl, Sean
APPLICANT: Paepfer, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515
CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 93
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-09-918-686-93

Query Match 1.8%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 945 CAGGCTGAGTGCAATGG 962
1 CAGGCTGAGTGCAATGG 18
DB

RESULT 392
US-09-974-546-87
Sequence 87, Application US/09974546
Publication No. US20030050470A1
GENERAL INFORMATION:
APPLICANT: An, Gang
APPLICANT: O'Hara, S. Mark
APPLICANT: Ralph, David
APPLICANT: Veltiel, Robert
TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,
PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE
NUMBER OF SEQUENCES: 87
CORRESPONDENCE ADDRESS:
ADDRESSER: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: USA
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/974,546
FILING DATE: 10-Oct-2001
CLASSIFICATION: Unknown
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/097,199
FILING DATE: 1998-06-12
ATTORNEY/AGENT INFORMATION:
NAME: Nakashima, Richard A.
REGISTRATION NUMBER: P-42,023
REFERENCE/DOCKET NUMBER: UROC:018
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 87:

US-09-974-546-87

Query Match 1.8%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 383 CCTCCCAAGTCTGGGA 400
|||||
DB 5 CCTCCCAAGTCTGGGA 22

RESULT 393

US-10-353-150-93
; Sequence 93, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Paeper, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 93
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-353-150-93

Query Match 1.8%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 945 CAGGCTGAGTGCATGG 962
|||||
DB 1 CAGGCTGAGTGCATGG 18

RESULT 394

US-09-918-686-87/c
; Sequence 87, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Paeper, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 87
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-87

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 829 GACCTTGATCTGCCTGCT 849

DB 21 GACCTTGATCTGCCTGCT 1
|||||

RESULT 395

US-09-899-569A-16/c
; Sequence 16, Application US/09899569A
; Patent No. US20020142003A1
; GENERAL INFORMATION:
; APPLICANT: NO. US20020142003Albert Schweitzer
; APPLICANT: Marwa Scherl-Mostagier
; APPLICANT: Wolfgang Sommergruber
; APPLICANT: Roger Abseher
; TITLE OF INVENTION: Tumorspezifisches Antigen (B345)
; FILE REFERENCE: 0652.2280001
; CURRENT APPLICATION NUMBER: US/09/899,569A
; CURRENT FILING DATE: 2001-07-06
; PRIOR APPLICATION NUMBER: DE 100 33 080.0
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: DE 101 19 294.0
; PRIOR FILING DATE: 2001-04-19
; PRIOR APPLICATION NUMBER: US 60/243,158
; PRIOR FILING DATE: 2000-10-25
; PRIOR APPLICATION NUMBER: US 60/297,747
; PRIOR FILING DATE: 2001-06-14
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence: Primer
US-09-899-569A-16

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 991 CTCCTGGGCTCAGCAATCT 1011
|||||
DB 21 CTCCTGGGCTCAGCAATCT 1

RESULT 396

US-09-964-059B-143
; Sequence 143, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 143
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-143

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 652 GAGTGCAGTGGCGCAATCTG 672
|||||
DB 1 GAGTGCAGTGGCGCAATCTG 21

```
RESULT 397
US-09-964-059B-144/c
; Sequence 144, Application US/09964059B
; Publication No. US20030171875A1
GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; TITLE OF INVENTION: Sequence Data
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; PRIOR APPLICATION NUMBER: 2002-12-23
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 144
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-144

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 652 GAGTGCAGTGGCGCAATCTTG 672
DB 21 GAGTGCATGTGTCATCTTG 1

RESULT 398
US-09-964-059B-145/c
; Sequence 145, Application US/09964059B
; Publication No. US20030171875A1
GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; TITLE OF INVENTION: Sequence Data
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; PRIOR APPLICATION NUMBER: 2002-12-23
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 145
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-145

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 652 GAGTGCAGTGGCGCAATCTTG 672
DB 21 GAGTGCATGTGTCATCTTG 1

RESULT 399
US-10-032-495-40
; Sequence 40, Application US/10032495
; Publication No. US20020155601A1
GENERAL INFORMATION:
; APPLICANT: YAN, WEN LIANG
; TITLE OF INVENTION: METHOD FOR PRODUCING A POPULATION OF HOMOZYGOUS STEM
; TITLE OF INVENTION: CELLS HAVING A PRE-SELECTED IMMUNOTYPE AND/OR GENOTYPE,
; TITLE OF INVENTION: CELLS SUITABLE FOR TRANSPLANT DERIVED THEREFROM, AND
; FILE REFERENCE: 0249-0002US
; CURRENT APPLICATION NUMBER: US/10/032,495
; PRIOR APPLICATION NUMBER: 2002-01-02
; PRIOR FILING DATE: 2001-01-02
```

```
NUMBER OF SEQ ID NOS: 86
SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-032-495-40

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 867 GGGATTACAGCGCGTAGCCAC 887
DB 1 GGGATTACAGCAGCAGCCAC 21

RESULT 400
US-10-032-924-67
; Sequence 67, Application US/10032924
; Publication No. US20030022190A1
GENERAL INFORMATION:
; APPLICANT: Shipman, Robert
; APPLICANT: Leushner, James
; TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
; TITLE OF INVENTION: MUTATIONS IN THE BRCA1 GENE
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Opedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/032,924
; FILING DATE: 26-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/649,950
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-028-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for BRCA1 gene
; SEQUENCE DESCRIPTION: SEQ ID NO: 67:
US-10-032-924-67
```

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 483 CAGTGTGTGATCAGCTCA 503
Db 1 CAGTGTGTGATCAGCTCA 21

RESULT 401
US-10-085-906-401/c
; Sequence 401, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT FILING DATE: 2002-02-27
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 401
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-401

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 935 CTCGTGTACCCAGCTGAGT 955
Db 21 CTCGTGTACCCAGCTGAGT 1

RESULT 402
US-10-085-906-432/c
; Sequence 432, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT FILING DATE: 2002-02-27
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 432
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-432

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 542 CTCAGCTCCCAAGTACTGG 562
Db 21 CTCAGCTCCCAAGTACTGG 1

RESULT 403
US-10-085-906-474/c
; Sequence 474, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT FILING DATE: 2002-02-27
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 474
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-474

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 387 CCAAGTCTCGGATTCAGG 407
Db 21 CCAAGTCTCGGATTCAGG 1

RESULT 404
US-10-085-906-476/c
; Sequence 476, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT FILING DATE: 2002-02-27
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 476
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-476

Query Match 1.8%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1006 GATTCCTGCTCAGCTCC 1026
|||||

Db 21 GATTCATGATCTCAGCTCC 1

RESULT 405
US-10-005-956-386/c

; Sequence 386, Application US/10005956
; Publication No. US20030113726A1

; GENERAL INFORMATION:

; APPLICANT: Bristol-Myers Squibb Company

; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

; FILE REFERENCE: D0053NP

; CURRENT APPLICATION NUMBER: US/10/005,956

; PRIOR FILING DATE: 2001-12-03

; PRIOR APPLICATION NUMBER: 60/251,015

; PRIOR FILING DATE: 2000-12-04

; PRIOR APPLICATION NUMBER: 60/263,678

; PRIOR FILING DATE: 2001-01-23

; PRIOR APPLICATION NUMBER: 60/273,037

; PRIOR FILING DATE: 2001-03-02

; NUMBER OF SEQ ID NOS: 1579

; SOFTWARE: PatentIn version 3.0

; LENGTH: 21

; TYPE: DNA

; ORGANISM: homo sapiens

US-10-005-956-386

Query Match 1.8%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 5.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 851 GGCTCCCAAGTCTGGAT 871
|||||

Db 21 GGCTCCCAAGTCTGAGAT 1

RESULT 406
US-10-216-122-116/c

; Sequence 116, Application US/10216122
; Publication No. US20030121063A1

; GENERAL INFORMATION:

; APPLICANT: Karazian, Haig H.

; APPLICANT: Oseterag, Eric

; APPLICANT: Debernardinis, Ralph

; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS

; FILE REFERENCE: 053893-5006-03

; CURRENT APPLICATION NUMBER: US/10/216,122

; PRIOR FILING DATE: 2002-08-09

; PRIOR APPLICATION NUMBER: US 09/653,812

; PRIOR FILING DATE: 2000-09-01

; PRIOR APPLICATION NUMBER: US 08/847,844

; PRIOR FILING DATE: 1997-04-28

; PRIOR APPLICATION NUMBER: US 08/749,805

; PRIOR FILING DATE: 1996-11-15

; PRIOR APPLICATION NUMBER: US 60/006,831

; PRIOR FILING DATE: 1995-11-16

; NUMBER OF SEQ ID NOS: 154

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 116

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-216-122-116

Query Match 1.8%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 5.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 483 CAGTGATGATCAGCTCA 503
|||||

Db 21 CAGTGATGATCTTAGCTCA 1

RESULT 407
US-10-255-434-7/c

; Sequence 7, Application US/10255434
; Publication No. US20030129626A1

; GENERAL INFORMATION:

; APPLICANT: Nielsen, Kirsten V.

; APPLICANT: Hyldig-Nielsen, Jens J.

; APPLICANT: Williams, Brett F.

; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The

; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly

; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid

; FILE REFERENCE: BP0101-US

; CURRENT APPLICATION NUMBER: US/10/255,434

; PRIOR FILING DATE: 2002-09-24

; NUMBER OF SEQ ID NOS: 26

; SOFTWARE: PatentIn Ver. 2.1

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE: Description of Combined DNA/RNA Molecule:Synthetic

; OTHER INFORMATION: Oligomer Sequence

; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe

US-10-255-434-7

Query Match 1.8%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 5.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 175 TTTAGTAGATGAGTTTC 195
|||||

Db 21 TTTAGTAGAGAGCGGTTTC 1

RESULT 408
US-10-255-434-19

; Sequence 19, Application US/10255434
; Publication No. US20030129626A1

; GENERAL INFORMATION:

; APPLICANT: Nielsen, Kirsten V.

; APPLICANT: Hyldig-Nielsen, Jens J.

; APPLICANT: Williams, Brett F.

; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The

; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly

; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid

; FILE REFERENCE: BP0101-US

; CURRENT APPLICATION NUMBER: US/10/255,434

; PRIOR FILING DATE: 2002-09-24

; NUMBER OF SEQ ID NOS: 26

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 19

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE: Description of Combined DNA/RNA Molecule:Synthetic

; OTHER INFORMATION: Oligomer Sequence

; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe

US-10-255-434-19

Query Match 1.8%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 5.4e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 175 TTTTAGTAGAGTGGATTTC 195
 DB 1 TTTTAGTAGAGCGGGGTTTC 21

RESULT 409
 US-10-353-150-87/c
 ; Sequence 87, Application US/10353150
 ; Publication No. US20030157543A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Brunkow, Mary E.
 ; APPLICANT: Prohl, Sean
 ; APPLICANT: Paepfer, Bryan
 ; APPLICANT: Staehling-Hampton, Karen
 ; TITLE OF INVENTION: METHODS FOR IDENTIFYING
 ; FILE REFERENCE: 240083.515C1
 ; CURRENT APPLICATION NUMBER: US/10/353,150
 ; CURRENT FILING DATE: 2003-01-27
 ; NUMBER OF SEQ ID NOS: 105
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 87
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR primer
 US-10-353-150-87

Query Match 1.8%; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 5.4e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 829 GACCTTGATGTCCTGCTT 849
 DB 21 GACCTTGATGTCCTGCTT 1

RESULT 410
 US-10-408-168-21/c
 ; Sequence 21, Application US/10408168
 ; Publication No. US20030235847A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Paepfer, Bryan W.
 ; APPLICANT: Prohl, Sean
 ; APPLICANT: Charney, Patrick R.
 ; APPLICANT: Brunkow, Mary E.
 ; APPLICANT: Uiterlinden, Andreas Gerardus
 ; TITLE OF INVENTION: ASSOCIATION OF POLYMORPHISMS IN THE SOST
 ; FILE REFERENCE: 240083.525
 ; CURRENT APPLICATION NUMBER: US/10/408,168
 ; CURRENT FILING DATE: 2003-04-03
 ; NUMBER OF SEQ ID NOS: 34
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 21
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Reverse primer
 US-10-408-168-21

Query Match 1.8%; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 5.4e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 695 CCGGTTCAAGTATTCTCTCTG 715
 DB 21 CCGATTCAAGTATTCTCTCTG 1

RESULT 411
 US-10-136-728-129/c
 ; Sequence 129, Application US/10136728
 ; Publication No. US20030236188A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Spytek, Kimberly A.
 ; APPLICANT: Li, Li
 ; APPLICANT: Edinger, Shlomit R.
 ; APPLICANT: Stone, David J.
 ; APPLICANT: Guo, Xiaojia
 ; APPLICANT: Anderson, David W.
 ; APPLICANT: Patturajan, Meera
 ; APPLICANT: Gerlach, Valerie L.
 ; APPLICANT: Taupier, Raymond J.
 ; APPLICANT: Pena, Carol E.A.
 ; APPLICANT: Padigar, Muralidhara
 ; APPLICANT: Kerkuta, Ramesh
 ; APPLICANT: Gorman, Linda
 ; APPLICANT: Zethusen, Bryan D.
 ; APPLICANT: Smithson, Glenda
 ; APPLICANT: MacDougall, John R.
 ; APPLICANT: Mezes, Peter S.
 ; APPLICANT: Perman, John A.

; TITLE OF INVENTION: No. US20030236188A1 Human Proteins, Polynucleotides Encoding Th.
 ; FILE REFERENCE: 21402-347 D (Cura 647 Other)
 ; CURRENT APPLICATION NUMBER: US/10/136,728
 ; CURRENT FILING DATE: 2002-05-01
 ; PRIOR APPLICATION NUMBER: 60/288,395
 ; PRIOR FILING DATE: 2001-05-03
 ; PRIOR APPLICATION NUMBER: 60/289,087
 ; PRIOR FILING DATE: 2001-05-07
 ; PRIOR APPLICATION NUMBER: 60/289,619
 ; PRIOR FILING DATE: 2001-05-08
 ; PRIOR APPLICATION NUMBER: 60/289,818
 ; PRIOR FILING DATE: 2001-05-09
 ; PRIOR APPLICATION NUMBER: 60/289,817
 ; PRIOR FILING DATE: 2001-05-09
 ; PRIOR APPLICATION NUMBER: 60/290,194
 ; PRIOR FILING DATE: 2001-05-11
 ; PRIOR APPLICATION NUMBER: 60/290,753
 ; PRIOR FILING DATE: 2001-05-14
 ; PRIOR APPLICATION NUMBER: 60/291,189
 ; PRIOR FILING DATE: 2001-05-15
 ; PRIOR APPLICATION NUMBER: 60/292,374
 ; PRIOR FILING DATE: 2001-05-21
 ; PRIOR APPLICATION NUMBER: 60/293,107
 ; PRIOR FILING DATE: 2001-05-23
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 132
 ; SEQ ID NO 129
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
 US-10-136-728-129

Query Match 1.8%; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 5.4e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 870 ATTACAGCGGTGAGCCACAC 890
 DB 21 ATTACAGGTGTGAGCCACCTC 1

RESULT 412
 US-10-051-874-259/c
 ; Sequence 259, Application US/10051874
 ; Publication No. US20040005557A1
 ; GENERAL INFORMATION:

APPLICANT: Padigaru, Muralidhara
APPLICANT: Alsobrook II, John P
APPLICANT: Colman, Steven D
APPLICANT: Splyek, Kimberly A
APPLICANT: Boldog, Ferenc
APPLICANT: Verne, Corine AM
APPLICANT: Li, Li
APPLICANT: Shenoy, Suresh G
APPLICANT: Casman, Stacie J
APPLICANT: Guo, Xiaojia Sasha
APPLICANT: Edinger, Shlomit R
APPLICANT: MacDougall, John R
APPLICANT: Walyankar, Uriel M
APPLICANT: Shinkets, Richard A
APPLICANT: Tchernev, Velizar T
APPLICANT: Zernhusen, Bryan D
APPLICANT: Miller, Isabelle
APPLICANT: Miller, Charles E
APPLICANT: Lepley, Denise M
APPLICANT: Smithson, Glenda
APPLICANT: Baumgartner, Jason C
APPLICANT: Herrman, John L
APPLICANT: Feyman, John A
APPLICANT: Gorman, Linda
APPLICANT: Mezes, Peter D
APPLICANT: Kekuda, Ramesh
APPLICANT: Taupier Jr, Raymond J
APPLICANT: Gerlach, Valerie
APPLICANT: Grose, William M
APPLICANT: Liu, Xiaohong
APPLICANT: Rilleman, Karen
APPLICANT: Rothenberg, Mark
APPLICANT: Stone, David J
APPLICANT: Burgess, Catherine E
TITLE OF INVENTION: PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
FILE REFERENCE: 21402-245
CURRENT APPLICATION NUMBER: US/10/051,874
CURRENT FILING DATE: 2002-09-25
PRIOR APPLICATION NUMBER: 60/268,595
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 60/325,306
PRIOR FILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: 60/262,587
PRIOR FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: 60/272,409
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: 60/262,454
PRIOR FILING DATE: 2001-01-18
PRIOR APPLICATION NUMBER: 60/276,777
PRIOR FILING DATE: 2001-03-16
PRIOR APPLICATION NUMBER: 60/291,672
PRIOR FILING DATE: 2001-05-17
PRIOR APPLICATION NUMBER: 60/330,336
PRIOR FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 60/265,530
PRIOR FILING DATE: 2001-01-31
PRIOR APPLICATION NUMBER: 60/261,376
PRIOR FILING DATE: 2001-01-16
NUMBER OF SEQ ID NOS: 269
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 259
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-10-051-874-259

Query Match 1.8%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 646 AGCGTGAAGTGCAGTGGCGCA 666
Db 21 AGCGTGAAGTGCAGTGGCGCA 1
RESULT 413
US-10-374-077-7/c
Sequence 7, Application US/10374077
Publication No. US20040006779A1
GENERAL INFORMATION:
APPLICANT: Fu, Ying-Hui
Yu, Chang-Bn
Oshima, Junko
Mulligan, John T.
Schellenberg, Gerald D.
TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
NUMBER OF SEQUENCES: 209
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed Intellectual Property Law Group
STREET: 701 Fifth Avenue, Suite 6300
CITY: Seattle
STATE: Washington
COUNTRY: USA
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/374,077
FILING DATE: 25-Feb-2003
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Rosenman, Stephen
REGISTRATION NUMBER: 43,058
REFERENCE/DOCKET NUMBER: 100107, 401D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-10-374-077-7
Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 482 GCAGTGTGATGCACAGCTC 502
Db 21 GCAGTGTGATGCACAGCTC 1
RESULT 414
US-10-287-226-567
Sequence 567, Application US/10287226
Publication No. US20040086875A1
GENERAL INFORMATION:
APPLICANT: Agee, Michele L.
APPLICANT: Alsobrook, John P.
APPLICANT: Bergins, Constance,
APPLICANT: Boldog, Ferenc,
APPLICANT: Burgess, Catherine E.,
APPLICANT: Chant, John S.,

```
APPLICANT: Chaudhuri, Amitabha,
APPLICANT: DiPippo, Vincent A.,
APPLICANT: Edinger, Shlomit R.,
APPLICANT: Eichen, Andrew,
APPLICANT: Ellerman, Karen,
APPLICANT: Gangolli, Esha A.,
APPLICANT: Gorman, Linda,
APPLICANT: Gerlach, Valerie,
APPLICANT: Ji, Weizhen,
APPLICANT: Kekuda, Ramesh,
APPLICANT: Khramtsov, Nikolai,
APPLICANT: Li, Li,
APPLICANT: Malysankar, Uriel M.,
APPLICANT: MacDougall, John R.,
APPLICANT: Mezes, Peter S. E.,
APPLICANT: Miller, Charles E.,
APPLICANT: Millet, Isabelle,
APPLICANT: Ooi, Chean Eng,
APPLICANT: Ort, Tatiana,
APPLICANT: Padigar, Muralidhara,
APPLICANT: Paturajan, Meera,
APPLICANT: Rastelli, Luca,
APPLICANT: Rieger, Daniel K.,
APPLICANT: Rothenberg, Mark E.,
APPLICANT: Shenoy, Suresh G.,
APPLICANT: Spaderna, Steven K.,
APPLICANT: Spyrek, Kimberley A.,
APPLICANT: Taupier, J., Raymond J.,
APPLICANT: Vernet, Corine A.M.,
APPLICANT: Zernusen, Bryan D.,
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-480C
CURRENT FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: 60/334,421
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/354,392
PRIOR FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/360,148
PRIOR FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: 60/364,000
PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/404,821
PRIOR FILING DATE: 2002-08-20
PRIOR APPLICATION NUMBER: 60/334,526
PRIOR FILING DATE: 2001-11-30
PRIOR APPLICATION NUMBER: 60/354,409
PRIOR FILING DATE: 2002-02-04
PRIOR APPLICATION NUMBER: 60/364,227
PRIOR FILING DATE: 2002-03-13
PRIOR APPLICATION NUMBER: 60/334,027
PRIOR FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: 60/331,641
PRIOR FILING DATE: 2001-11-20
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 673
SOFTWARE: CuiSeqList version 0.1
SEQ ID NO 567
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-287-226-567

Query Match      1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      220 AACTCCGACCTCAGATGATC 240
DB      1 AACTCTGACCTCAGGTATC 21
```

```
RESULT 415
US-10-786-720-13162/C
; Sequence 13162, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13162
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-13162

Query Match      1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      795 TTACACATGTCGCGAGTTG 815
DB      21 TTACACATGTTAGCCAGATG 1
```

```
RESULT 416
US-10-786-720-13228/C
; Sequence 13228, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13228
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-13228

Query Match      1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      212 TGGTCTCGAAGCTCCGACCTC 232
DB      21 TGGTCTCGATCTCCTGACCTC 1
```

```
RESULT 417
US-10-786-720-13244/C
; Sequence 13244, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
```

;; CURRENT APPLICATION NUMBER: US/10/786,720
;; CURRENT FILING DATE: 2004-02-26
;; NUMBER OF SEQ ID NOS: 21135
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO: 13244
;; LENGTH: 21
;; TYPE: RNA
;; ORGANISM: RNAi-sense strand
US-10-786-720-13244

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 528 AACGATCTCTGCTGACCC 548
DB 21 AACGATCTCTGCTGACCC 1

RESULT 418
US-10-786-720-14248
; Sequence 14248, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 14248
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-14248

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1038 GATTACGGGACCTGCACCA 1058
DB 1 GATTACGGGACCTGCACCA 21

RESULT 419
US-10-786-720-15461
; Sequence 15461, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 15461
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-15461

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 14; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGGCTCACTGCAGCCTT 513
DB 1 AUCACAGUUCAUUGCAGCCUU 21

RESULT 420
US-10-786-720-15809
; Sequence 15809, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 15809
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-15809

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 14; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGGCTCACTGCAGCCTT 513
DB 1 AUCACAGUUCAUUGCAGCCUU 21

RESULT 421
US-10-786-720-16139
; Sequence 16139, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 16139
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-16139

Query Match 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 14; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGGCTCACTGCAGCCTT 513
DB 1 AUCACAGUUCAUUGCAGCCUU 21

RESULT 422
US-10-786-720-16493
; Sequence 16493, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot

```

; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16493
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-16493

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 5.4e+02;
Matches 14; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 493 ATCAGCCTCAGCCTT 513
Db 1 AUCACAGUUCAUUGAGCCUU 21

RESULT 423
US-10-786-720-19979
; Sequence 19979, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19979
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-19979

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 5.4e+02;
Matches 13; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 968 TCTGCTCAGTCACTCT 988
Db 1 UCUCAGCUCACUGCAACUU 21

RESULT 424
US-10-786-720-20179/c
; Sequence 20179, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20179
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20179

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 193 TTCTCATGTTGTCAGCTG 213
Db 21 TTCACATGTTGGCCAGGCTG 1

RESULT 425
US-10-786-720-20182/c
; Sequence 20182, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20182
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20182

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 995 CGGCTCAAGCATTCCTG 1015
Db 21 CAGGTTCAAGCATTCCTG 1

RESULT 426
US-10-786-720-20185/c
; Sequence 20185, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20185
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20185

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 969 CTCGCTCAGTCACTCTG 989
Db 21 CTCGCTCAGTCACTCTG 1

RESULT 427
US-10-786-720-20209
; Sequence 20209, Application US/10786720
```

```
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20209
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20209

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 657 CAGTGGCGAATCTGAGCTCA 677
DB 1 CAGTGGCGAATCTGAGCTCA 21

RESULT 428
US-10-786-720-20218
Sequence 20218, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20218
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20218

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 195 CTCGATTTGTGAGGCTGCT 215
DB 1 CACGATTTGTGAGGCTGCT 21

RESULT 429
US-10-786-720-20219
Sequence 20219, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20219
```

```
LENGTH: 21
TYPE: RNA
ORGANISM: RNAI-sense strand
US-10-786-720-20219

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 5.4e+02;
Matches 13; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 197 CCATGTTGTGAGGCTGCT 217
DB 1 CCAUTUGGACAGGCTGGUU 21

RESULT 430
US-10-786-720-20359/c
Sequence 20359, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20359
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20359

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 220 AACTCCGACCTCAGATGATC 240
DB 21 AACTCCGACCTCAGATGATC 1

RESULT 431
US-10-786-720-20375/c
Sequence 20375, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20375
LENGTH: 21
TYPE: RNA
ORGANISM: RNAI-sense strand
US-10-786-720-20375

Query Match
Best Local Similarity 1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1003 AGCATTTCTCTGCTCAGCC 1023
DB 21 AACGATTTCTCTGCTCAGCC 1
```

```

CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ. ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20590
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20590

Query Match      1.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1038 GATTACGGGACCTGCACCA 1058
      ||||| ||||| ||||| ||||| |||||
      21 GATTACAGGACCTGCACCTA 1

RESULT 435
US-09-225-201-25/C
Sequence 25, Application US/09225201
Patent No. US2001000774A1
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
           Jahnadez, George
           Bibilashvili, Robert
TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                   EXPRESSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bozicevic, Field & Francis LLP
STREET: 200 Middlefield Road, Suite 200
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: CLON-001CIP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3400
TELEFAX: 650-327-3231
INFORMATION FOR SEQ. ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-225-201-25

Query Match      1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      643 CCGAGCTGAGTGCACTGCG 663
      ||||| ||||| ||||| ||||| |||||

```

Db 21 CTCAGGCTGAGTGTAGTGCC 1

RESULT 436

US-09-834-795A-10
; Sequence 10, Application US/09834795A
; Patent No. US20020076710A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lynn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/1127-US3
; CURRENT FILING DATE: 2001-04-12
; PRIOR FILING DATE: 1998-09-03
; PRIOR FILING DATE: 1998-01-20
; PRIOR FILING DATE: 1998-07-09
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-834-795A-10

Query Match 1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGGATTACGCGGTGAGCC 885

Db 2 CTGGGATTATAGGTGTAGGCC 22

RESULT 437

US-09-834-795A-14
; Sequence 14, Application US/09834795A
; Patent No. US20020076710A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lynn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/1127-US3
; CURRENT FILING DATE: 2001-04-12
; PRIOR FILING DATE: 1998-09-03
; PRIOR FILING DATE: 1998-01-20
; PRIOR FILING DATE: 1998-07-09
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Gene specific primer (24R)
US-09-834-795A-14

Query Match 1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGGATTACGCGGTGAGCC 885

Db 2 CTGGGATTATAGGTGTAGGCC 22

RESULT 438

US-09-918-686-88
; Sequence 88, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepel, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT FILING DATE: 2001-07-30
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 88
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-88

Query Match 1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 672 GGCTCACTGCACCTCTGCT 692

Db 1 GGCTCACTGCACCTCCACCT 21

RESULT 439

US-09-834-794A-10
; Sequence 10, Application US/09834794A
; Publication No. US20030026777A1
; GENERAL INFORMATION:
; APPLICANT: Lawrence, Papsidero
; APPLICANT: Lynn, Dyster
; APPLICANT: Jana, Frustaci
; TITLE OF INVENTION: Detection and Treatment of Breast Cancer
; FILE REFERENCE: 3380/1127-US4
; CURRENT FILING DATE: 2001-04-13
; PRIOR FILING DATE: 1998-09-03
; PRIOR FILING DATE: 1998-01-20
; PRIOR FILING DATE: 1998-07-09
; PRIOR FILING DATE: 1998-07-09
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-834-794A-10

Query Match 1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 865 CTGGGATTACGCGGTGAGCC 885

Db 2 CTGGGATTATAGGTGTAGGCC 22

RESULT 440

US-09-834-794A-14
; Sequence 14, Application US/09834794A

```
Publication No. US20030026777A1
GENERAL INFORMATION:
APPLICANT: Lawrence, Papsidero
APPLICANT: Lyn, Dyster
APPLICANT: Jana, Frustaci
TITLE OF INVENTION: Detection and Treatment of Breast Cancer
FILE REFERENCE: 3380/1127-US4
CURRENT APPLICATION NUMBER: US/09/834,794A
CURRENT FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/146,580
PRIOR FILING DATE: 1998-09-03
PRIOR APPLICATION NUMBER: 60/071,899
PRIOR FILING DATE: 1998-01-20
PRIOR APPLICATION NUMBER: 60/092,155
PRIOR FILING DATE: 1998-07-09
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PatentIn version 3.0
SEQ ID NO 14
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Gene specific primer (24R)
US-09-834-794A-14

Query Match      1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      865 CTGGATTACAGCGCTGAGCC 885
DB      2 CTGGATTATATAGTGTGAGCC 22

RESULT 441
US-10-353-150-88
Sequence 88, Application US/10353150
Publication No. US20030157543A1
GENERAL INFORMATION:
APPLICANT: Brunkow, Mary E.
APPLICANT: Prohl, Sean
APPLICANT: Paepfer, Bryan
APPLICANT: Staehling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.51SCL
CURRENT APPLICATION NUMBER: US/10/353,150
CURRENT FILING DATE: 2003-01-27
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 88
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-353-150-88

Query Match      1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      672 GGCTCACTGCACCTCTGCT 692
DB      1 GGCTCACTGCACCTCTGCT 21

RESULT 442
US-10-436-523-23/C
Sequence 23, Application US/10436523
Publication No. US20030180888A1
GENERAL INFORMATION:
APPLICANT: Fraser, Christopher C.
```

```
TITLE OF INVENTION: CD2000 AND CD2001 MOLECULES, AND USES THEREOF
FILE REFERENCE: 7853-244-999
CURRENT APPLICATION NUMBER: US/10/436,523
CURRENT FILING DATE: 2003-05-12
PRIOR APPLICATION NUMBER: US/10/007,303
PRIOR FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 09/706,167
PRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 100
SOFTWARE: PatentIn version 3.1
SEQ ID NO 23
LENGTH: 22
TYPE: DNA
ORGANISM: Abies alba
US-10-436-523-23

Query Match      1.8%; Score 17.8; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1005 CGATTCTCTGCTCTGAGCTC 1025
DB      22 CGATTCTCTGCTCTGAGCTC 2

RESULT 443
US-09-988-626-100/C
Sequence 100, Application US/09988626
Publication No. US20030044959A1
GENERAL INFORMATION:
APPLICANT: Tavtigian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
FILE REFERENCE: 2318-258
CURRENT APPLICATION NUMBER: US/09/988,626
CURRENT FILING DATE: 2001-11-20
PRIOR APPLICATION NUMBER: 09/564,805
PRIOR FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
PRIOR FILING DATE: 1998-11-06
PRIOR APPLICATION NUMBER: 09/434,382
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 240
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 100
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-988-626-100

Query Match      1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      541 CCTAGCCTCCCAAGTAGC 559
DB      19 CCTAGCCTCCCAATATAGC 1

RESULT 444
US-09-988-687-100/C
Sequence 100, Application US/09988687
Publication No. US20030045704A1
GENERAL INFORMATION:
APPLICANT: Tavtigian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
```

```

; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,687
; PRIOR FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-687-100
```

```

Query Match      1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      541 CCTCAGCCTCCCAAGTAGC 559
      |||||
Db      19 CCTCAGCCTCCCAAGTAGC 1
```

```

RESULT 445
US-09-988-686-100/c
; Sequence 100, Application US/09988686
; Publication No. US20030120052A1
; GENERAL INFORMATION:
; APPLICANT: Tavtigian, Sean V.
; APPLICANT: Teng, David H.P.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Myriad Genetics, Inc.
; TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
; FILE REFERENCE: 2318-258
; CURRENT APPLICATION NUMBER: US/09/988,686
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: 09/564,805
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: US 60/107,468
; PRIOR FILING DATE: 1998-11-06
; PRIOR APPLICATION NUMBER: 09/434,382
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 100
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-988-686-100
```

```

Query Match      1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      541 CCTCAGCCTCCCAAGTAGC 559
      |||||
Db      19 CCTCAGCCTCCCAAGTAGC 1
```

```

RESULT 446
US-10-086-181-10/c
; Sequence 10, Application US/10086181
; Publication No. US2002017151A1
; GENERAL INFORMATION:
; APPLICANT: Gimeno, Ruth
; TITLE OF INVENTION: METHODS FOR THE TREATMENT OF METABOLIC
```

```

; TITLE OF INVENTION: DISORDERS, INCLUDING OBESITY AND DIABETES
; FILE REFERENCE: MNI-220
; CURRENT APPLICATION NUMBER: US/10/086,181
; CURRENT FILING DATE: 2002-02-26
; PRIOR APPLICATION NUMBER: 60/271,655
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-086-181-10
```

```

Query Match      1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      681 CAACCTGCTCCCGGCT 699
      |||||
Db      19 CAACCTGCTCCCGGCT 1
```

```

RESULT 447
US-10-204-254A-57/c
; Sequence 57, Application US/10204254A
; Publication No. US20030176649A1
; GENERAL INFORMATION:
; APPLICANT: VIRKULA, Milika
; TITLE OF INVENTION: VMGLM gene and its mutations causing disorders with a vascular
; FILE REFERENCE: DELCE59.001APC
; CURRENT APPLICATION NUMBER: US/10/204,254A
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: PCT/EP01/01760
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 00870022.1
; PRIOR FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 60/195,777
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 00870320.9
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn Version 3.1
; SEQ ID NO 57
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-204-254A-57
```

```

Query Match      1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      214 GTCTGAACCTCCGACCTC 232
      |||||
Db      19 GTCTGAACCTCCGACCTC 1
```

```

RESULT 448
US-10-204-254A-64
; Sequence 64, Application US/10204254A
; Publication No. US20030176649A1
; GENERAL INFORMATION:
; APPLICANT: VIRKULA, Milika
; TITLE OF INVENTION: VMGLM gene and its mutations causing disorders with a vascular
; FILE REFERENCE: DELCE59.001APC
; CURRENT APPLICATION NUMBER: US/10/204,254A
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: PCT/EP01/01760
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 00870022.1
```

```

; PRIOR FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 60/195,777
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 00870320.9
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 153
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-204-254A-64

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 544 CAGCCTCCCAAGTACTG 562
DB 1 CAGCCTCCCAAGTACTG 19

RESULT 449
US-10-051-874-258/c
; Sequence 258, Application US/10051874
; Publication No. US20040005557a1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Murajidhara
; APPLICANT: Alsobrook II, John P
; APPLICANT: Coleman, Steven D
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Boldog, Ferenc
; APPLICANT: Verneet, Corine AM
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Casman, Stacie J
; APPLICANT: Edinger, Shlomit R
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Paturajan, Meera
; APPLICANT: Shinkets, Richard A
; APPLICANT: Pena, Carol EA
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Zernusen, Bryan D
; APPLICANT: Millet, Isabelle
; APPLICANT: Miller, Charles E
; APPLICANT: Lepley, Denise M
; APPLICANT: Smithson, Glenda
; APPLICANT: Baumgartner, Jason C
; APPLICANT: Herrman, John L
; APPLICANT: Peyman, John A
; APPLICANT: Gorman, Linda
; APPLICANT: Mezes, Peter D
; APPLICANT: Teakuda, Ramesh
; APPLICANT: Taupier Jr, Raymond J
; APPLICANT: Gerlach, Valerie
; APPLICANT: Grossse, William M
; APPLICANT: Liu, Xiaohong
; APPLICANT: Ellerman, Karen
; APPLICANT: Rothenberg, Mark
; APPLICANT: Stone, David J
; APPLICANT: Burgess, Catherine E
; TITLE OF INVENTION: PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
; FILE REFERENCE: 21402-245
; CURRENT APPLICATION NUMBER: US/10/051,874
; PRIOR FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: 60/268,595
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/325,306
```

```

; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 60/262,587
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/272,409
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 60/262,454
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/276,777
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/291,672
; PRIOR FILING DATE: 2001-05-17
; PRIOR APPLICATION NUMBER: 60/330,336
; PRIOR FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 60/265,530
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/261,376
; PRIOR FILING DATE: 2001-01-16
; NUMBER OF SEQ ID NOS: 269
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 258
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
US-10-051-874-258
```

```

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 675 TCACTGCAAGCTCTGCTC 693
DB 19 TCACTGCAAGCTCTGCTC 1
```

```

RESULT 450
US-10-455-552-62
; Sequence 62, Application US/10455552
; Publication No. US20040018533b1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; PRIOR FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-455-552-62
```

```

Query Match          1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 387 CCAAGTCTGGATTA 405
DB 1 CCAAGTCTGGATTA 19
```

RESULT 451
US-10-455-552-66/c
Sequence 66, Application US/10455552
Publication No. US2004001853A1
GENERAL INFORMATION:
APPLICANT: Adam, Gail Isabel
APPLICANT: Langdown, Maria
APPLICANT: Roth, Richard
APPLICANT: Denissenko, Mikhail
APPLICANT: Smylie, Kevin
TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
FILE REFERENCE: 52459-20030.00
CURRENT APPLICATION NUMBER: US/10/455,552
PRIOR FILING DATE: 2003-06-04
PRIOR APPLICATION NUMBER: US 60/386,012
NUMBER OF SEQ ID NOS: 98
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 66
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-455-552-66

Query Match 1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 390 AAGTGTGGATTACAGGC 408
DB 19 AAGTGTGGATTACAGGC 1

RESULT 452
US-10-731-739-222
Sequence 222, Application US/10731739
Publication No. US20040176582A1
GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/10/731,739
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 222
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-10-731-739-222

Query Match 1.8%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.2e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 392 GTGCTGGATTACAGGCT 410
DB 19 GTGCTGGATTACAGGCT 1

DB 1 GTGCTGGATTACAGGCT 19

RESULT 453
US-09-752-983-249/c
Sequence 249, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 249:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-249

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 531 CATCTCTGCTCCTCAGCT 549
DB 19 CATCTCTGCTCCTCAGCT 1

RESULT 454
US-09-752-983-256/c
Sequence 256, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.

ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 256:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-256

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 578 CCACCTACCTGCTGCTAATT 596
Db 19 CCACCACTGCTGCTAATT 1

RESULT 455
US-09-752-983-257/C
Sequence 257, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDN2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 257:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-257

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 TTGTATTATTAGTAGAGA 789
Db 20 TTGTACTTTAGTAGAGA 2

RESULT 456
US-09-733-294A-81/C
Sequence 81, Application US/09733294A
Patent No. US20020045588A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: Susan M. Freiler
APPLICANT: Edward V. Mancewicz
TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0527
CURRENT APPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 108
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-81

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1121 TCAACTCTGACCTCAGG 1139
Db 20 TCAACTCTGACCTCAGG 2

RESULT 457
US-09-800-631-32
Sequence 32, Application US/09800631
Patent No. US2002008228A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BHS INTERACTING DOMAIN DEATH AGONIST EXP
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/09/800,631
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 32
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-32

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 191 GTTTCCTCATGTTGGTCAG 209
|||||
DB 2 GTTTCACCATGTTGGTCAG 20

RESULT 458
US-09-800-631-49
; Sequence 49, Application US/09800631
; Patent No. US20020082228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-49

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 729 AGTAGCTGGAGCTACAGGC 747
|||||
DB 2 AGTAGCTGGAGCTACAGGC 20

RESULT 459
US-09-745-605-17
; Sequence 17, Application US/09745605
; Patent No. US20020123617A1
; GENERAL INFORMATION:
; APPLICANT: Starling, Gary C.
; APPLICANT: Finger, Joshua N.
; TITLE OF INVENTION: NOVEL IMMUNOGLOBIN SUPERFAMILY MEMBERS APEX-1, APEX-2,
; FILE REFERENCE: DB13NP
; CURRENT APPLICATION NUMBER: US/09/745,605
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/172,025
; PRIOR FILING DATE: 1999-12-23
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: UNF15 PRIMER
US-09-745-605-17

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 967 ATCTGGCTCACTGCACAC 985
|||||
DB 2 ATCTGGCTCACTGCACAC 20

RESULT 460
US-09-863-806-155/c
; Sequence 155, Application US/09863806
; Publication No. US20020197608A1
; GENERAL INFORMATION:
; APPLICANT: Sidoransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIA BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Fish & Richardson P.C.
; STREET: 4425 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,806
FILING DATE: 22-May-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/038,637
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 155:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 155:
US-09-863-806-155

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 646 AGGCTGAGTGCAGTGGCG 664
|||||
DB 20 AGGCTGAGTGCAGTGGTG 2

RESULT 461
US-09-993-731-23
; Sequence 23, Application US/09993731
; Publication No. US20030105040A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
; FILE REFERENCE: RTS-0302
; CURRENT APPLICATION NUMBER: US/09/993,731
; CURRENT FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 83
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-993-731-23

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 645 CAGGCTGAGTGCAGTGC 663
DB 2 CAGGTTGAGTGCAGTGC 20

RESULT 462

US-09-908-147-150
; Sequence 150, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-150

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 394 GCTGGATTACAGCGCTGC 412
DB 1 GCTGGATTAAAGCGCTGC 19

RESULT 463

US-10-010-002-86
; Sequence 86, Application US/10010002
; Publication No. US20030125277A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0331
; CURRENT APPLICATION NUMBER: US/10/010,002
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-010-002-86

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGGATTA 403
DB 1 TCTCAAGTCTGGGATTA 19

RESULT 464

US-10-293-783-32
; Sequence 32, Application US/10293783
; Publication No. US20030130222A1

; GENERAL INFORMATION:

; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPRESSION
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/10/293,783
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-32

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 191 GTTCTCCATGTGTGTCAG 209
DB 2 GTTCCACATGTGTGTCAG 20

RESULT 465

US-10-293-783-49
; Sequence 49, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPRESSION
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/10/293,783
; CURRENT FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-49

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 729 AGTAGCTGGACTACAGGC 747
DB 2 AGTAGCTGGACTACAGGC 20

RESULT 466

US-10-313-739-13/C
; Sequence 13, Application US/10313739
; Publication No. US20030138948A1
; GENERAL INFORMATION:
; APPLICANT: Genon Corporation
; APPLICANT: Fisk, Gregory
; APPLICANT: Inokuma, Margaret
; TITLE OF INVENTION: Islet Cells from Human Embryonic Stem Cells
; FILE REFERENCE: 132/002
; CURRENT APPLICATION NUMBER: US/10/313,739

CURRENT FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 60/338,885
PRIOR FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-313-739-13

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTCTCTCT 1018
DB 20 TCAAGCATTCCTCTCTCT 2

RESULT 467
US-10-098-871-39/C
Sequence 39, Application US/10098871
Publication No. US20030198958A1
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
APPLICANT: Fernandes, Blma
APPLICANT: Hermann, John
APPLICANT: Liu, Xiaohong
APPLICANT: Yang, Meijia
APPLICANT: Boldog, Ferenc
APPLICANT: Smithson, Glenda
APPLICANT: Rastelli, Luca
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
TITLE OF INVENTION: METHODS OF USING THE SAME
FILE REFERENCE: CURA-65 CIP
CURRENT FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: 09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: 60/153,629
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: 60/154,520
PRIOR FILING DATE: 1999-09-16
PRIOR APPLICATION NUMBER: 60/154,762
PRIOR FILING DATE: 1999-09-20
PRIOR APPLICATION NUMBER: 60/159,231
PRIOR FILING DATE: 2000-10-31
PRIOR APPLICATION NUMBER: 60/276,960
PRIOR FILING DATE: 2001-03-19
NUMBER OF SEQ ID NOS: 80
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Ag121 reverse primer
US-10-098-871-39

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTCTCTCT 1018
DB 19 TCAAGCATTCCTCTCTCT 1

RESULT 468
US-10-005-344-249/C
Sequence 249, Application US/10005344
Publication No. US20030203862A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 249
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-249

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 531 CATCTCTCTGCTCTGACCT 549
DB 19 CATCTCTCTGCTCTGACCT 1

RESULT 469
US-10-005-344-256/C
Sequence 256, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 256
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-256

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 578 CCACTACCTGCTGCTAATT 596
DB 19 CCACTACCTGCTGCTAATT 1

RESULT 470
US-10-005-344-257/c
; Sequence 257, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Pamela Nero
; APPLICANT: Loren J. Mitrageia
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 257
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-257

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 TTTGATTTTGTAGTAGA 789
DB 20 TTTGATTTTGTAGTAGA 2

RESULT 471
US-10-148-355A-65/c
; Sequence 65, Application US/10148355A
; Publication No. US20030207631A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowbert
; APPLICANT: Isis Pharmaceuticals, Inc.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RISP-0082
; CURRENT APPLICATION NUMBER: US/10/148,355A
; CURRENT FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: 09/467,642
; PRIOR FILING DATE: 1999-12-17
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO: 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-65

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 969 CTCGGCTCAGTGCACCTC 987
DB 20 CTCGGCTCAGTGCACCTC 2

RESULT 472
US-10-388-263-680
; Sequence 680, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowbert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 680
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-680

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 191 GTTTCACATGTGTGTGAG 209
DB 2 GTTTCACATGTGTGTGAG 20

RESULT 473
US-10-388-263-697
; Sequence 697, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowbert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO: 697
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-697

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 729 AGTACTGGGACTACAGGC 747
|||
Db 2 AGTACTGGGATTACAGGC 20

RESULT 474
US-10-159-834-16
; Sequence 16, Application US/10159834
; Publication No. US20030228688A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER
; FILE REFERENCE: RTS-0239
; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-834-16

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTCTCT 1018
|||
Db 2 TCAAGCATTCCTCTCT 20

RESULT 475
US-10-159-834-92/c
; Sequence 92, Application US/10159834
; Publication No. US20030228688A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER
; FILE REFERENCE: RTS-0299
; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-834-92

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1000 TCAAGCATTCCTCTCT 1018
|||
Db 19 TCAAGCATTCCTCTCT 1

RESULT 476
US-10-210-556-77
; Sequence 77, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsest
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION

FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-556-77

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 207 CAGGCTGCTCGAACTCC 225
|||
Db 1 CAGGCTGCTTCGAATCC 19

RESULT 477
US-10-210-556-195/c
; Sequence 195, Application US/10210556
; Publication No. US20040023904A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsest
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRA EXPRESSION
; FILE REFERENCE: PTS-0015
; CURRENT APPLICATION NUMBER: US/10/210,556
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 227
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-210-556-195

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 207 CAGGCTGCTCGAACTCC 225
|||
Db 20 CAGGCTGCTTCGAATCC 2

RESULT 478
US-10-728-509-150
; Sequence 150, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 150
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-150

Query Match 1.8%; Score 17.4; DB 1; Length 20;

Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 394 GCTGGATTACAGGCTGC 412
Db 1 GCTGGATTAAAGGCTGC 19

RESULT 479
US-10-633-843-82/c
; Sequence 82, Application US/10633843
; Publication No. US20040091919A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF SUPEROXIDE DISMUTASE 1, SOLUBLE EXPRESSION
; FILE REFERENCE: ISH-0756
; CURRENT APPLICATION NUMBER: US/10/633,843
; CURRENT FILING DATE: 2003-08-04
; PRIOR APPLICATION NUMBER: US 09/888,360
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-633-843-82

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 997 GGCTCAGCGATTCTCTG 1015
Db 19 GGTTCAAGCGATTCTCTG 1

RESULT 480
US-10-303-325-77
; Sequence 77, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-77

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 390 AAGTCTGGATTACAGGC 408
Db 1 AAGTCTGGATTACAGGC 19

RESULT 481
US-10-303-325-81
; Sequence 81, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REFERENCE: RTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-81

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 997 GGCTCAGCGATTCTCTG 1015
Db 1 GGTTCAAGCGATTCTCTG 19

RESULT 482
US-10-303-325-145/c
; Sequence 145, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 145
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-325-145

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 390 AAGTCTGGATTACAGGC 408
Db 20 AAGTCTGGATTACAGGC 2

RESULT 483
US-10-303-325-147/c
; Sequence 147, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-325-147

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 997 GGCTCAAGGATTCCTG 1015
|||
DB 20 GGTTCAAGGATTCCTG 2

RESULT 484
US-10-744-831-86
; Sequence 86, Application US/10744831
; Publication No. US20040121977A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0331
; CURRENT APPLICATION NUMBER: US/10/744,831
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US/10/010,002
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-744-831-86

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 385 TCCCAAGTGTGGATTA 403
|||
DB 1 TCTCAAGTGTGGATTA 19

RESULT 485
US-10-671-395-118/c
; Sequence 118, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Gliese, James K.
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 118
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-118

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 989 GCCTCCCGGCTCAAGCGA 1007
|||
DB 19 GCCTCCCGGCTCAAGCGA 1

RESULT 486
US-10-671-395-157/c

; Sequence 157, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-157

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 390 AAGTGTGGATTAAGGC 408
|||
DB 20 AAGTGTGGATTAAGGC 2

RESULT 487
US-10-671-395-224/c
; Sequence 224, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 224
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-224

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 CCTGCTCCCGGGTTCA 702
|||
DB 19 CCTGCTCCCGGGTTCA 1

RESULT 488
US-10-671-395-225/c
; Sequence 225, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 225
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-225

```
FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 225
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-225

Query Match          1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      686 TCTGCTCCGCGGTTCAAG 704
Db      20 TCCGCTCCGCGGTTCAAG 2

RESULT 489
US-10-671-395-679/c
; Sequence 679, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 679
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-679

Query Match          1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1060 ACCCGCTAATTTTGAT 1078
Db      19 ACCCGCTAATTTTGAT 1

RESULT 490
US-10-671-395-874/c
; Sequence 874, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 874
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-874

Query Match          1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1063 CCGCTAATTTTGATTTT 1081
Db      20 CAGCTAATTTTGATTTT 2

RESULT 491
US-10-671-395-889/c
; Sequence 889, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 889
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-889

Query Match          1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1065 GCTAATTTTGATTTCA 1083
Db      19 GCTAATTTTGATTTTA 1

RESULT 492
US-10-671-395-901/c
; Sequence 901, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 901
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-901
```

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 995 CGGGCTCAGCGCATTTCTCC 1013
DB 20 CGGGTTCAAGCATTTCTCC 2

RESULT 493
US-10-671-395-1148/c
; Sequence 1148, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1148

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1065 GCTAATTTTGTATTTTCA 1083
DB 20 GCTAATTTTGTATTTTCA 2

RESULT 494
US-10-671-395-1267/c
; Sequence 1267, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1267
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1267

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 715 GCGGCGCTCCGAGTAG 733
DB 11 GCGGCGCTCCGAGTAG 733

DB 19 GCCTCAGCTCCTGAGTAG 1

RESULT 495
US-10-671-395-1511/c
; Sequence 1511, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1511
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1511

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 TAGCTGGACTACAGCGGC 749
DB 20 TAGCTGGACTACAGCGGC 2

RESULT 496
US-10-671-395-1526/c
; Sequence 1526, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1526
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1526

Query Match 1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 843 CCGGCTCGGCTCCCAA 861
DB 19 CCGGCTCGGCTCCCAA 1

RESULT 497
US-10-671-395-1614/c
; Sequence 1614, Application US/10671395
; Publication No. US20040132063A1

```

; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Cierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1614
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1614

Query Match          1.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      775 TATTTTAGTAGAGATGCG 793
Db      20 TATTTTAGTAGAGACGG 2

RESULT 498
US-10-013-329-5/c
; Sequence 5, Application US/10013329
; Publication No. US20020160390A1
; GENERAL INFORMATION:
; APPLICANT: RIKEN
; APPLICANT: Yoshikawa, Takeo
; APPLICANT: Hattori, Ei-ji
; TITLE OF INVENTION: POLYMORPHIC DNAS AND THEIR USE FOR
; TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO PANIC DISORDER
; FILE REFERENCE: 25100-20092.00
; CURRENT APPLICATION NUMBER: US/10/013,329
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: JP 2000-375090
; PRIOR FILING DATE: 2000-12-08
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Upstream primer p5
US-10-013-329-5

Query Match          1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      645 CAGGCTGAGTGCAGTGGC 663
Db      21 CAGGCTGAGTACAGTGGC 3

RESULT 499
US-10-005-956-801/c
; Sequence 801, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
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; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 801
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-801

Query Match          1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1056 CCACACCCCGCTAATTTT 1074
Db      19 CCACACCCAGCTAATTTT 1

RESULT 500
US-10-005-956-802/c
; Sequence 802, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 802
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-802

Query Match          1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1056 CCACACCCCGCTAATTTT 1074
Db      19 CCACACCCAGCTAATTTT 1

RESULT 501
US-10-005-956-1034/c
; Sequence 1034, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
```

SOFTWARE: PatentIn version 3.0
SEQ ID NO 1034
LENGTH: 21
TYPE: DNA
ORGANISM: homo sapiens
US-10-005-956-1034

Query Match 1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1056 CCACACCCCGCTAATTTT 1074
DB 19 CCACACCCCGCTAATTTT 1

RESULT 502
US-10-005-956-1035/c
Sequence 1035, Application US/10005956
Publication No. US20030113726A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0053NP
CURRENT APPLICATION NUMBER: US/10/005,956
PRIOR FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR FILING DATE: 2001-01-23
PRIOR APPLICATION NUMBER: 60/263,678
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1035
LENGTH: 21
TYPE: DNA
ORGANISM: homo sapiens
US-10-005-956-1035

Query Match 1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1056 CCACACCCCGCTAATTTT 1074
DB 19 CCACACCCCGCTAATTTT 1

RESULT 503
US-10-786-720-13245
Sequence 13245, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13245
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-13245

Query Match 1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 5.7e+02;
Matches 13; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 531 CATCTCTGCTGCTGACCT 549
DB 2 CAUUCUCUCGCGCUCAGCCU 20

RESULT 504
US-10-786-720-20173/c
Sequence 20173, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20173
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20173

Query Match 1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 869 GATTACAGCGGTGAGCCAC 887
DB 21 GATTACAGCGGTGAGCCAC 3

RESULT 505
US-10-786-720-20174/c
Sequence 20174, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20174
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-20174

Query Match 1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 869 GATTACAGCGGTGAGCCAC 887
DB 19 GATTACAGCGGTGAGCCAC 1

RESULT 506
US-10-786-720-20175
Sequence 20175, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot

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; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20175
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-20175

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 5.7e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Oy      869 GATTACAGCGTGAGCCAC 887
Db      1 GAUACAGCAUGAGCCAC 19

RESULT 507
US-10-786-720-20176/c
; Sequence 20176, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20176
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20176

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1121 TCAACTCCTGACCTCAGG 1139
Db      21 TCAACTCCTGACCTCAGG 3

RESULT 508
US-10-786-720-20177/c
; Sequence 20177, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20177
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-20177

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1121 TCAACTCCTGACCTCAGG 1139
Db      21 TCAACTCCTGACCTCAGG 3

RESULT 509
US-10-786-720-20178
; Sequence 20178, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20178
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-20178

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 5.7e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Oy      1121 TCAACTCCTGACCTCAGG 1139
Db      1 UCAACUCCAGACCCUCAGG 19

RESULT 510
US-10-786-720-20220/c
; Sequence 20220, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20220
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-20220

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      197 CCATGTTGTCAGGCTGCT 215
Db      19 CCATGTTGTCAGGCTGCT 1

RESULT 511
US-10-786-720-20223/c
; Sequence 20223, Application US/10786720
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Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20223
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-20223

Query Match
Best Local Similarity 1.8%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 199 ATGTGTGACGAGCTGCT 217
DB 20 ATGTGTGACGAGCTGCT 2

RESULT 512
US-10-786-720-20231
Sequence 20231, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20231
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-20231

Query Match
Best Local Similarity 1.8%; Score 17.4; DB 1; Length 21;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 643 CCCAGGCTGAGGCGACTG 661
DB 1 CCUAGGCTGAGGCGACTG 19

RESULT 513
US-10-786-720-20363/c
Sequence 20363, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20363
```

```
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-20363

Query Match
Best Local Similarity 1.8%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1116 TGGTCTCAAACTCTGACC 1134
DB 19 TGGTCTCAAACTCTGACC 1

RESULT 514
US-10-786-720-20367
Sequence 20367, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20367
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-20367

Query Match
Best Local Similarity 1.8%; Score 17.4; DB 1; Length 21;
Matches 14; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 1109 GTCAGGCTGCTCTCAACT 1127
DB 2 GCCAGGCTGCTCTCAACT 20

RESULT 515
US-10-786-720-20369/c
Sequence 20369, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20369
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-20369

Query Match
Best Local Similarity 1.8%; Score 17.4; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 198 CATGTTGGTCAGGCTGCTC 216
DB 19 CATGTTGGTCAGGCTGCTC 1
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RESULT 516
US-10-786-720-20373
; Sequence 20373, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20373
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20373

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 5.7e+02;
Matches 13; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      197 CCATGTGTGTCAGGCTGCT 215
DB      2  CCAUGUGGCCAGCGCUGGU 20

RESULT 517
US-10-786-720-20379
; Sequence 20379, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20379
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20379

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 5.7e+02;
Matches 12; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY      1000 TCAAGCGATTCCTGCTCT 1018
DB      2  DCAAGCGAUTCUCGCGCCU 20

RESULT 518
US-10-786-720-20442/c
; Sequence 20442, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
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; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20442
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20442

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      870 ATTACAGCGCTGAGCCACC 888
DB      20  ATTACAGCGATGAGCCACC 2

RESULT 519
US-10-786-720-20591/c
; Sequence 20591, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20591
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20591

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 5.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1038 GATTACGGGACCTGCCAC 1056
DB      19  GATTACGGCACCTGCCAC 1

RESULT 520
US-10-786-720-20592
; Sequence 20592, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20592
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20592

Query Match      1.8%; Score 17.4; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 5.7e+02;
Matches 15; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
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QY      1038 GATTACGGGCACCTGCCAC 1056
          ||::||| |||||:|||||
Db      1 GAUACAGGCACCTUGCCAC 19

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RESULT 521
US-10-786-720-20627
; Sequence 20627, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 20627
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20627

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RESULT 522
US-10-463-981B-2/c
; Sequence 2, Application US/10463981B
; Publication No. US20040081982A1
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Wong, Lee Hwa
; APPLICANT: Saferly, Richard Eric
; TITLE OF INVENTION: Nucleotide-based mini-chromosomes or artificial chromosomes
; FILE REFERENCE: A35869-PCT-USA-A (071838.0140)
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US/10/463,981B
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: PCT/AU01/01644
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: AU PR2247
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: AU PR8909
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-463-981B-2

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RESULT 523

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US-09-242-772-1/c
; Sequence 1, Application US/09242772
; Publication No. US20020009720A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Internationaal Instituut voor Biotechnologie
; TITLE OF INVENTION: PLAG gene family and tumorigenesis
; FILE REFERENCE: VIB-011-US
; CURRENT APPLICATION NUMBER: US/09/242,772
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: EP 96202229.6
; PRIOR FILING DATE: 1996-08-22
; PRIOR APPLICATION NUMBER: EP 97200130.9
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: PCT/EP97/04759
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc feature
; OTHER INFORMATION: sense primer alu PCR
US-09-242-772-1-

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RESULT 524
US-10-156-306-537
; Sequence 537: Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSK199en, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 537
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-537

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RESULT 525
US-10-156-306-567
; Sequence 567 Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc
; APPLICANT: MCSwiggan, Yamae

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; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 567
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-567

Query Match          1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Oy      1112 AGCGTGTCTCAACTC 1128
      |||||:|||||:|||||
Db      1 AGCGTGTCTCAACTC 17

RESULT 526
US-10-156-306-568
; Sequence 568, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 568
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-568

Query Match          1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5e+02;
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

Oy      1114 GCTGCTCTCAACTCT 1130
      |||||:|||||:|||||
Db      1 GCTGCTCTCAACTCT 17

RESULT 527
US-10-156-306-569
; Sequence 569, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 569
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-569

Query Match          1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

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Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Oy      1120 CTCAACTCTCGACCTC 1136
      |||||:|||||:|||||
Db      1 CTCAACTCTCGACCTC 17

RESULT 528
US-10-156-306-574
; Sequence 574, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 574
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-574

Query Match          1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Oy      248 CTCGACCTCCCAAGTG 264
      |||||:|||||:|||||
Db      1 CTCGACCTCCCAAGTG 17

RESULT 529
US-10-156-306-1673
; Sequence 1673, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1673
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1673

Query Match          1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Oy      535 CTCCTGCTCAGCCTCC 551
      |||||:|||||:|||||
Db      1 CTCCTGCTCAGCCTCC 17

RESULT 530
US-10-156-306-1678
; Sequence 1678, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

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;; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
;; FILE REFERENCE: MBHB01-664-A (400/050)
;; CURRENT APPLICATION NUMBER: US/10/156,306
;; CURRENT FILING DATE: 2002-05-28
;; NUMBER OF SEQ ID NOS: 8013
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 1678
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-10-156-306-1678

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 719 CAGCCTCCGAGAGCT 735
DB 1 CAGCCTCCGAGAGCT 17

RESULT 531
US-10-156-306-1698
; Sequence 1698, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1698
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1698

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1113 GGCTGCTCAACTCC 1129
DB 1 GGCTGCTCAACTCC 17

RESULT 532
US-10-156-306-1699
; Sequence 1699, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1699
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1699

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5e+02;
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1115 CTGCTCAACTCTG 1131
DB 1 CTGCTCAACTCTG 17

RESULT 533
US-10-156-306-1700
; Sequence 1700, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1700
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1700

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5e+02;
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 1119 TCTCAACTCCGAGCT 1135
DB 1 TCTCAACTCCGAGCT 17

RESULT 534
US-10-156-306-1701
; Sequence 1701, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1701
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1701

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1121 TCAACTCCGAGCTCA 1137
DB 1 TCAACTCCGAGCTCA 17

RESULT 535
US-10-156-306-1712
; Sequence 1712, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1712
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1712

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 5e+02;
Matches 12; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

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FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1712
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1712

Query Match
Best Local Similarity 88.2%; Pred. No. 5e+02;
Matches 15; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 846 GCGTCGCGCTCCCAAG 862
Db 1 GCGTCGCGCTCCCAAG 17

RESULT 536
US-10-156-306-1713
Sequence 1713, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwigen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1713
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1713

Query Match
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 847 CCTCGGCTCCCAAGT 863
Db 1 CCTCGGCTCCCAAGU 17

RESULT 537
US-10-156-306-1714
Sequence 1714, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwigen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1714
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1714

Query Match
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;
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QY 249 TCGGCTCCCAAGTGC 265
Db 1 UCGGCTCCCAAGUGC 17

RESULT 538
US-10-156-306-1715
Sequence 1715, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwigen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1715
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1715

Query Match
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 250 CGGCTCCCAAGTCT 266
Db 1 CGGCTCCCAAGUCU 17

RESULT 539
US-10-156-306-1716
Sequence 1716, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwigen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1716
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1716

Query Match
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 851 GCGCTCCCAAGTCTG 867
Db 1 GCGCTCCCAAGUCUG 17

RESULT 540
US-10-156-306-1717
Sequence 1717, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwigen, James
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MBHB01-664-A (400/050)
```


CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3777
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-3777

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 5e+02;
Matches 15; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 943 CCCAGGCTGAGTACAA 959
Db 1 CCCAGGCTGAGTACAA 17

RESULT 546
US-10-156-306-3778
Sequence 3778, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3778
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-3778

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 944 CCAGGCTGAGTCAAT 960
Db 1 CCAGGCTGAGTCAAU 17

RESULT 547
US-10-156-306-3784
Sequence 3784, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3784
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-3784

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 720 AGCCTCTGAGTAGCTG 736
Db 1 AGCCTCTGAGTAGCTG 736

Db 1 AGCCUCCUGAGUACUG 17

RESULT 548
US-10-156-306-3795
Sequence 3795, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3795
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-3795

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 5e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 843 CCGCTCCGCGGCTCCCA 859
Db 1 CCGCTCCGCGGCTCCCA 17

RESULT 549
US-10-156-306-3796
Sequence 3796, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3796
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-3796

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 389 AAAGCTGAGTATCA 405
Db 1 AAAGCTGAGTATCA 17

RESULT 550
US-10-156-306-3797
Sequence 3797, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 3797
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-3797

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 390 AAGTCTGGGATTACAG 406
|||:|||||:
DB 1 AAGUCGCGGAAUACAG 17

RESULT 551
US-10-156-306-3798
Sequence 3798, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 3798
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-3798

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 391 AGTCTGGGATTACAG 407
|||:|||||:
DB 1 AAGUCGCGGAAUACAG 17

RESULT 552
US-10-255-434-10/c
Sequence 10, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-10

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCCTGCTCAGCCTCC 552
|||||
DB 17 TCCTGCTCAGCCTCC 1

RESULT 553
US-10-255-434-12/c
Sequence 12, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 12
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-12

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGCTCAGCCTCA 983
|||||
DB 17 ATCTGCTCAGCCTCA 1

RESULT 554
US-10-255-434-22
Sequence 22, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 22
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-10

US-10-255-434-22

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCCTGCTCAGGCTCCC 552
|||
DB 1 TCCTGCTCAGGCTCCC 17

RESULT 555

US-10-255-434-24
; Sequence 24, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-24

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCAGCTGCA 983
|||
DB 1 ATCTGGCTCAGCTGCA 17

RESULT 556

US-10-238-700-696
; Sequence 696, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 696
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-696

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;

Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 722 CCTCTGAGTAGCTGGG 738
||:|:|:|:|:|:|:|:|:|
DB 1 CCUCUGAGUGAGCUGG 17

RESULT 557

US-10-238-700-699
; Sequence 699, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 699
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-699

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 395 CTGGATTACAGGCGTG 411
||:|:|:|:|:|:|:|:|:|
DB 1 CUGGATVUACAGGCGUG 17

RESULT 558

US-10-339-782-309/c
; Sequence 309, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 309
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-309

Query Match 1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 479 AGTGCAGTGTGTATC 495
|||
DB 17 AGTGCAGTGTGTATC 1

RESULT 559

US-10-091-281-354/c
; Sequence 354, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:

```

; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORSETTE, JEAN
; TITLE OF INVENTION: OPTINEBRIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 354
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative MEF2/RSRRC4.02 motif
US-10-091-281-354

Query Match          1.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No. 5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      770 TTTTGATTTTGTAG 786
DB      17 TTTTGATTTTGTAG 1

RESULT 560
US-10-676-154-3/c
; Sequence 3, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-3

Query Match          1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      967 ATCTGGCTCAGCGCA 983
DB      18 ATCTGGCTCAGCGCA 2

RESULT 561
US-10-636-065-98/c
; Sequence 98, Application US/10636065
; Publication No. US20040127694A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Lacasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof
```

```

; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 98
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-98

Query Match          1.7%; Score 17; DB 1; Length 19;
Best Local Similarity 100.0%; Pred.No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      535 CTCCTGCTCAGCTCC 551
DB      18 CTCCTGCTCAGCTCC 2

RESULT 562
US-09-752-983-241/c
; Sequence 241, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 241:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-241

Query Match          1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 935 CTCTGTACCGAGCTG 951
|||||
Db 17 CTCTGTACCGAGCTG 1

RESULT 563
US-09-949-427-209
; Sequence 209, Application US/09949427
; Publication No. US20030054418A1
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Anrobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lusis, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Rose, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chenyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
; FILE REFERENCE: 02810.0014.NPUS02
; CURRENT APPLICATION NUMBER: US/09/949,427
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 209
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-427-209

Query Match 1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 387 CCAAGTGTGGGATTA 403
|||||
Db 4 CCAAGTGTGGGATTA 20

RESULT 564
US-09-949-428-209
; Sequence 209, Application US/09949428
; Publication No. US20030064372A1
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Anrobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lusis, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Rose, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chenyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder
; FILE REFERENCE: 02810.0014.NPUS01
; CURRENT APPLICATION NUMBER: US/09/949,428
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 209
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-428-209

Query Match 1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 387 CCAAGTGTGGGATTA 403
|||||
Db 4 CCAAGTGTGGGATTA 20

RESULT 565
US-09-843-377-88
; Sequence 88, Application US/09843377
; Publication No. US20030176371A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/09/843,377
; CURRENT FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-377-88

Query Match 1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 635 CTCTGTACCGAGCTG 651
|||||
Db 2 CTCTGTACCGAGCTG 18

RESULT 566
US-10-085-906-323/C
; Sequence 323, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 323
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-323

Query Match 1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 943 CCCAGCTGAGTGCAA 959
|||||
Db 18 CCCAGCTGAGTGCAA 2

```
RESULT 567
US-10-005-344-241/c
; Sequence 241, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0652
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 241
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-241

Query Match
Best Local Similarity 1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 CTCTGTACCCAGGCTG 951
DB 17 CTCTGTACCCAGGCTG 1

RESULT 568
US-10-159-834-73/c
; Sequence 73, Application US/10159834
; Publication No. US20030228688A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER
; FILE REFERENCE: RTS-0299
; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-834-73

Query Match
Best Local Similarity 1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGGAT 401
DB 17 TCCCAAGTCTGGGAT 1

RESULT 569
US-10-159-834-126
; Sequence 126, Application US/10159834
; Publication No. US20030228688A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER
; FILE REFERENCE: RTS-0299
; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Human FGE2 antisense
US-10-159-834-126

Query Match
Best Local Similarity 1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 385 TCCCAAGTCTGGGAT 401
DB 4 TCCCAAGTCTGGGAT 20

RESULT 570
US-10-671-395-1416/c
; Sequence 1416, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Giese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1416
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human FGE2 antisense
US-10-671-395-1416

Query Match
Best Local Similarity 1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 769 TTTTGTATTTTACTA 785
DB 17 TTTTGTATTTTACTA 1

RESULT 571
US-10-819-244-88
; Sequence 88, Application US/10819244
; Publication No. US20040171575A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0235
; CURRENT APPLICATION NUMBER: US/10/819,244
; CURRENT FILING DATE: 2004-04-06
; PRIOR APPLICATION NUMBER: US/09/843,377
; PRIOR FILING DATE: 2001-04-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 88
```

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-819-244-88

Query Match 1.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGCTG 651
DB 2 CTCTGTACCCAGGCTG 18

RESULT 572
US-09-998-425-61
Sequence 61, Application US/09998425
Publication No. US2003008346A1
GENERAL INFORMATION:
APPLICANT: Barcel, Paul L.
APPLICANT: Tavtigian, Sean V.
TITLE OF INVENTION: MMS1 - An MMAC1 Interacting Protein
FILE REFERENCE: MMS1 Gene
CURRENT FILING DATE: 2001-12-03
CURRENT APPLICATION NUMBER: US/09/998,425
PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 09/233,086
PRIOR FILING DATE: EARLIER FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/071,861
PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-20
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 61
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:MMS1 Primers
US-09-998-425-61

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGCTG 651
DB 5 CTCTGTACCCAGGCTG 21

RESULT 573
US-09-997-977-61
Sequence 61, Application US/09997977
Publication No. US2003002728A1
GENERAL INFORMATION:
APPLICANT: Bartel, Paul L.
APPLICANT: Tavtigian, Sean V.
TITLE OF INVENTION: MMS1 - An MMAC1 Interacting Protein
FILE REFERENCE: MMS1 Gene
CURRENT FILING DATE: 2001-12-03
CURRENT APPLICATION NUMBER: US/09/997,977
PRIOR FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: US 60/071,861
PRIOR FILING DATE: 1998-01-20
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 61
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:MMS1 Primers
US-09-997-977-61

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGCTG 651
DB 5 CTCTGTACCCAGGCTG 21

RESULT 574
US-09-998-966-47/c
Sequence 47, Application US/09998966
Publication No. US2003019476A1
GENERAL INFORMATION:
APPLICANT: Shinkets, Richard
APPLICANT: Fernandes, Elma
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
FILE REFERENCE: 15966-551
CURRENT APPLICATION NUMBER: US/09/998,966
CURRENT FILING DATE: 2001-10-31
PRIOR FILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: 60/134,315
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 60/175,744
PRIOR FILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/188,274
PRIOR FILING DATE: 2000-03-10
NUMBER OF SEQ ID NOS: 52
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 47
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:chemically
US-09-998-966-47

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 TAGCTGGAGCTACAGGC 747
DB 21 TAGCTGGAGCTACAGGC 5

RESULT 575
US-10-004-415-47/c
Sequence 47, Application US/10004415
Publication No. US20030119095A1
GENERAL INFORMATION:
APPLICANT: Shinkets, Richard
APPLICANT: Fernandes, Elma
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED
FILE REFERENCE: 15966-551
CURRENT APPLICATION NUMBER: US/10/004,415
CURRENT FILING DATE: 2001-10-31
PRIOR FILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: 09/569,269
PRIOR FILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: 60/134,315
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 60/175,744
PRIOR FILING DATE: 2000-01-12
PRIOR APPLICATION NUMBER: 60/188,274

;; PRIOR FILING DATE: 2000-03-10
;; NUMBER OF SEQ ID NOS: 52
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 47
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence:chemically
;; OTHER INFORMATION: synthesized
US-10-004-415-47

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 TAGCTGGAGCTACAGGC 747
DB 21 TAGCTGGAGCTACAGGC 5

RESULT 576
US-10-384-974-46/C
; Sequence 46, Application US/10384974
; Publication No. US20040014173A1
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: No. US0040014173A1el Polynucleotides, Polypeptides Encoded Thereof
; FILE REFERENCE: 15966-551CIP1CON1
; CURRENT APPLICATION NUMBER: US/10/384,974
; PRIOR FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 10/081,407,
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: 60/134,315
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/175,744
; PRIOR FILING DATE: 2000-01-12
; PRIOR APPLICATION NUMBER: 60/188,274
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 179
; SOFTWARE: CuraSequibc version 0.1
; SEQ ID NO 46
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-384-974-46

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 TAGCTGGAGCTACAGGC 747
DB 21 TAGCTGGAGCTACAGGC 5

RESULT 577
US-10-786-720-13910
; Sequence 13910, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135.

;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO:13910
;; LENGTH: 21
;; TYPE: RNA
;; ORGANISM: RNAi-sense strand
US-10-786-720-13910

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 6e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 947 GCGTGGAGTGCATGCGC 963
DB 1 GCGTGGAGTGCATGCGC 17

RESULT 578
US-10-786-720-13915
; Sequence 13915, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13915
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13915

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCAGTCA 983
DB 5 ATCTGGCTCAGTCA 21

RESULT 579
US-10-786-720-13916
; Sequence 13916, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13916
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13916

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 76.5%; Pred. No. 6e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCAGTCA 983
DB 5 ATCTGGCTCAGTCA 21

Db 3 AUCUGGCUACUCGCA 19

RESULT 580
US-10-786-720-13917/c
; Sequence 13917, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13917
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13917

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 967 ATCTGGCTCACTGCAA 983
|||||
Db 17 ATCTGGCTCACTGCAA 1

RESULT 581
US-10-786-720-20190
; Sequence 20190, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20190
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20190

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 6e+02;
Matches 14; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 944 CCAGGCTGAGTGAAT 960
|||||
Db 4 CCAGGCTGAGTGAAT 20

RESULT 582
US-10-786-720-20236
; Sequence 20236, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20236
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20236

FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20236
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20236

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 967 ATCTGGCTCACTGCAA 983
|||||
Db 5 ATCTGGCTCACTGCAA 21

RESULT 583
US-10-786-720-20237
; Sequence 20237, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20237
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20237

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 76.5%; Pred. No. 6e+02;
Matches 13; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 967 ATCTGGCTCACTGCAA 983
|||||
Db 3 AUCUGGCUACUCGCA 19

RESULT 584
US-10-786-720-20238/c
; Sequence 20238, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20238
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20238

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6e+02;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCACTGCAA 983
|||||
DB 17 ATCTGGCTCACTGCAA 1

RESULT 585
US-10-786-720-20429
; Sequence 20429, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20429
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20429

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 76.5%; Pred. No. 6e+02; Indels 0; Gaps 0;
Matches 13; Conservative 4; Mismatches 0;

QY 654 GTGCACTGGCGCAATCT 670
|||||
DB 1 GUGCAGUGGCGCAUUC 17

RESULT 586
US-10-786-720-20465
; Sequence 20465, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20465
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20465

Query Match 1.7%; Score 17; DB 1; Length 21;
Best Local Similarity 82.4%; Pred. No. 6e+02; Indels 0; Gaps 0;
Matches 14; Conservative 3; Mismatches 0;

QY 871 TTACAGCGCTGACCCAC 887
|||||
DB 1 TUNACAGCGGAGGCGAC 17

RESULT 587
US-09-752-983-251/c
; Sequence 251, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001
CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/280,805
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 251:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-251

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 543 TCAGCTCCCACTACTGG 562
|||||
DB 20 TCAGCTCCCACTACTGG 1

RESULT 588
US-09-752-983-258/c
; Sequence 258, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,983
; FILING DATE: 02-Jan-2001

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 258:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-258

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 316 GTAGAAACAGGGTTCACTG 335
Db 20 GTAGAGACAGGGTTCACTG 1

RESULT 589
US-09-752-983-262/c
Sequence 262, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 262:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-262

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 213 GGCTCGAATCCCGACCTC 232
Db 20 GGCTCGATCTCTCGACCTC 1

RESULT 590
US-09-752-983-265/c
Sequence 265, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 265:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-265

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 842 GCCTGCTCGGCTCCCAAA 861
Db 20 GCCACCTCGGCTCCCAAA 1

RESULT 591
US-09-907-190-5
GENERAL INFORMATION:
APPLICANT: BLUMENFELD, ANAT; GUSELLA, JAMES F;
BLUMENFELD, YANDRA, O;
STAUDENHAUF, SUSAN
TITLE OF INVENTION: USE OF GENETIC MARKERS TO
DIAGNOSE FAMILIAL DYSAUTONOMIA
NUMBER OF SEQUENCES: 34

FEATURE:
OTHER INFORMATION: synthetic sequence
US-09-916-369A-3

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTTATTTT 446
DB 20 TTTTATTTTATTTT 1

RESULT 593
US-09-911-935A-16/c
Sequence 16, Application US/09911935A
Patent No. US20020081611A1
GENERAL INFORMATION:
APPLICANT: O'Brien, Thomas
APPLICANT: Guo, Yong Jun
TITLE OF INVENTION: ODC Allelic Analysis Method For Assessing Carcinogenic Susceptib
FILE REFERENCE: 9855-3202
CURRENT APPLICATION NUMBER: US/09/911,935A
CURRENT FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: US 60/122,301
PRIOR FILING DATE: 1999-03-01
PRIOR APPLICATION NUMBER: US 09/516,357
PRIOR FILING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin version 3.0
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc:feature
LOCATION: (1)..(20)
OTHER INFORMATION: Forward primer in Example 3
US-09-911-935A-16

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 CCTCTGCTCCCGGTTCA 703
DB 20 CCTCTGCTCCCGGTTCA 1

RESULT 594
US-09-800-631-52
Sequence 52, Application US/09800631
Patent No. US20020082228A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/09/800,631
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-52

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CCTGAGTACTGGGACTACA 744
DB 1 CCTGAGTACTGGGACTATA 20

RESULT 592
US-09-916-369A-3/c
Sequence 3, Application US/09916369A
Publication No. US20020058802A1
GENERAL INFORMATION:
APPLICANT: Dellinger, Douglas J
APPLICANT: Perbost, Michael GM
APPLICANT: Caruthers, Marvin H
APPLICANT: Betley, Jason R
TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotectio
FILE REFERENCE: 10003869-1
CURRENT APPLICATION NUMBER: US/09/916,369A
CURRENT FILING DATE: 2001-07-21
PRIOR APPLICATION NUMBER: US 09/627,249
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence

CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & PINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154

COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/907,190
FILING DATE: 17-Jul-2001
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/480,655
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/049,678
FILING DATE: 16-APRIL-1993
APPLICATION NUMBER: US/07/890,719
FILING DATE: 29-MAY-1992

ATTORNEY/AGENT INFORMATION:
NAME: KENNETH H. SONNENFELD
REGISTRATION NUMBER: 33,285
REFERENCE/DOCKET NUMBER: 1829-4001US1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-451-8513
TELEFAX: 212-751-6849
JOURNAL: GENOMICS
VOLUME: 12
ISSUE:
PAGES: 229-240
DATE: 1992
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
SEQUENCE DESCRIPTION: SEQ ID NO: 5;
US-09-907-190-5

FEATURE:
OTHER INFORMATION: synthetic sequence
US-09-916-369A-3

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTATTTATTTT 446
DB 20 TTTTATTTTATTTT 1

RESULT 593
US-09-911-935A-16/c
Sequence 16, Application US/09911935A
Patent No. US20020081611A1
GENERAL INFORMATION:
APPLICANT: O'Brien, Thomas
APPLICANT: Guo, Yong Jun
TITLE OF INVENTION: ODC Allelic Analysis Method For Assessing Carcinogenic Susceptib
FILE REFERENCE: 9855-3202
CURRENT APPLICATION NUMBER: US/09/911,935A
CURRENT FILING DATE: 2001-07-24
PRIOR APPLICATION NUMBER: US 60/122,301
PRIOR FILING DATE: 1999-03-01
PRIOR APPLICATION NUMBER: US 09/516,357
PRIOR FILING DATE: 2000-03-01
NUMBER OF SEQ ID NOS: 32
SOFTWARE: Patentin version 3.0
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc:feature
LOCATION: (1)..(20)
OTHER INFORMATION: Forward primer in Example 3
US-09-911-935A-16

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 684 CCTCTGCTCCCGGTTCA 703
DB 20 CCTCTGCTCCCGGTTCA 1

RESULT 594
US-09-800-631-52
Sequence 52, Application US/09800631
Patent No. US20020082228A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/09/800,631
CURRENT FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-52

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 725 CCTGAGTACTGGGACTACA 744
DB 1 CCTGAGTACTGGGACTATA 20

RESULT 592
US-09-916-369A-3/c
Sequence 3, Application US/09916369A
Publication No. US20020058802A1
GENERAL INFORMATION:
APPLICANT: Dellinger, Douglas J
APPLICANT: Perbost, Michael GM
APPLICANT: Caruthers, Marvin H
APPLICANT: Betley, Jason R
TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotectio
FILE REFERENCE: 10003869-1
CURRENT APPLICATION NUMBER: US/09/916,369A
CURRENT FILING DATE: 2001-07-21
PRIOR APPLICATION NUMBER: US 09/627,249
PRIOR FILING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 772 TTGTATTTTGTAGAGATG 791
|||
Db 1 TTGTATTTTGTAGAGACG 20

RESULT 595

US-09-918-186A-233/c
; Sequence 233, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swartz
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 233
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-233

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 872 TACAGCGGTGAGCCACGACG 891
|||
Db 20 TAAAGTGTGAGCCACGACG 1

RESULT 596

US-09-861-925-51
; Sequence 51, Application US/09861925
; Publication No. US20030064426A1
; GENERAL INFORMATION:
; APPLICANT: Roninson, Igor
; APPLICANT: Chang, Bey-Dih
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF
; FILE REFERENCE: 99, 216-F
; CURRENT APPLICATION NUMBER: US/09/861,925
; CURRENT FILING DATE: 2001-05-21
; PRIOR FILING DATE: 2001-02-01
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Sense primer for cathepsin B promoter
US-09-861-925-51

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 723 CTCCTGAGTAGCTGGACTA 742
|||
Db 1 CTCCTGAGTAGCTGGACTA 20

RESULT 597

US-09-920-671-81
; Sequence 81, Application US/09920671
; Publication No. US20030083283A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF COREST EXPRESSION
; FILE REFERENCE: RTS-0297
; CURRENT APPLICATION NUMBER: US/09/920,671
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-671-81

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 383 CCTCCCAAGTGTGGATT 402
|||
Db 1 CCTCCCAAGTGTGGATT 20

RESULT 598

US-09-920-671-82/c
; Sequence 82, Application US/09920671
; Publication No. US20030083283A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF COREST EXPRESSION
; FILE REFERENCE: RTS-0297
; CURRENT APPLICATION NUMBER: US/09/920,671
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-671-82

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 722 CCTCTGAGTAGCTGGACT 741
|||
Db 20 CCTCTGAGTAGCTGGACT 1

RESULT 599

US-09-898-556A-85/c
; Sequence 85, Application US/09898556A
; Publication No. US20030087849A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/09/898,556A

;; CURRENT FILING DATE: 2001-07-03
;; NUMBER OF SEQ ID NOS: 89
;; SEQ ID NO 85
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-556A-85

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 391 AGTGTGGATTACAGCGCT 410
DB 20 AGTGTGGATTACAGCGCAT 1

RESULT 600

US-09-898-556A-87/c
; Sequence 87, Application US/09898556A
; Publication No. US20030087849A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/09/898,556A
; CURRENT FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-556A-87

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 930 TCTCACTGTGTACCAAGC 949
DB 20 TCTCACTGTGTACCAAGC 1

RESULT 601

US-09-953-611-84
; Sequence 84, Application US/09953611
; Publication No. US20030087855A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE R EXPRESSION
; FILE REFERENCE: RTS-0208
; CURRENT APPLICATION NUMBER: US/09/953,611
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 84
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-611-84

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 220 AACTCCGACCTCATGATGAT 239

DB 1 AACTCTGACCTCAGTGAT 20

RESULT 602

US-09-953-318-98
; Sequence 98, Application US/09953318
; Publication No. US20030105036A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/09/953,318
; CURRENT FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 98
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-318-98

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 885 CACCAAGCCCGGCTATT 904
DB 1 CACCATGCCCGCTATT 20

RESULT 603

US-09-908-147-96/c
; Sequence 96, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-96

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 651 GGAGTGAATGGCGCACT 670
DB 20 GGAGTGAATGGCGCACT 1

RESULT 604

US-09-908-147-97/c
; Sequence 97, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/09/908,147

```

; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-97

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 867 GGGATTACGGCGTACGCCA 886
Db 20 GGGATTACGGCGTACGCCA 1

RESULT 605
US-09-964-059B-94
; Sequence 94, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-94

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 TCTCACTCTGTACCCAGGC 949
Db 1 TCTCACTATGTGCCAGGC 20

RESULT 606
US-09-964-059B-95/c
; Sequence 95, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-95

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 TCTCACTCTGTACCCAGGC 949
Db 1 TCTCACTATGTGCCAGGC 20
```

```

Db 20 TCTCACTATGTGCCAGGC 1

RESULT 607
US-09-964-059B-96/c
; Sequence 96, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-96

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 TCTCACTCTGTACCCAGGC 949
Db 20 TCTCACTATGTGCCAGGC 1

RESULT 608
US-09-964-059B-104
; Sequence 104, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-104

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 208 AGGCTGCTCGAAGCTCCCG 227
Db 1 AGGCTGCTCGAAGCTCCCG 20

RESULT 609
US-09-964-059B-105
; Sequence 105, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; CURRENT FILING DATE: 2002-12-23
```

```

; PRIOR APPLICATION NUMBER: US 60/274,686
; PRIOR FILING DATE: 2000-03-08
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 105
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-105

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 932 TCACCTGTGTTACCCAGGCTG 951
Db 1 TCACATATGTTGCCAGGCTG 20

RESULT 610
US-09-964-059B-106
; Sequence 106, Application US/09964059B
; Publication No. US20030171875A1
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony
; TITLE OF INVENTION: Efficient Methods and Apparatus for High-Throughput Processing of
; FILE REFERENCE: 0201-0001
; CURRENT APPLICATION NUMBER: US/09/964,059B
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/274,686
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-964-059B-106

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 932 TCACCTGTGTTACCCAGGCTG 951
Db 1 TCACATATGTTGCCAGGCTG 20

RESULT 611
US-10-025-201-13
; Sequence 13, Application US/10025201
; Publication No. US20030003468A1
; GENERAL INFORMATION:
; APPLICANT: Crow, Mary K.
; TITLE OF INVENTION: MARKERS FOR DISEASE SUSCEPTIBILITY AND TARGETS FOR THERAPY
; FILE REFERENCE: 5983/2H567
; CURRENT APPLICATION NUMBER: US/10/025,201
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 60/256,673
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-025-201-13

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY 199 ATGTTGCGAGGCTGATCTC 218
Db 1 ATGTTGCGAGGCTGATCTC 20

RESULT 612
US-10-085-906-352/C
; Sequence 352, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 352
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-352

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 639 GTCCAGGCTGAGTGA 658
Db 20 GTCCAGGCTGAGTGA 1

RESULT 613
US-10-007-078-81/C
; Sequence 81, Application US/10007078
; Publication No. US20030105042A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Ward
; TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
; FILE REFERENCE: RTS-0236
; CURRENT APPLICATION NUMBER: US/10/007,078
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-81

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 640 TCACCAGGCTGAGTGAG 659
Db 20 TCCTCAGGCTGAGTGAG 1

RESULT 614
US-10-007-078-84/C
; Sequence 84, Application US/10007078
```

```
Publication No. US20030105042A1
GENERAL INFORMATION:
APPLICANT: Donna T. Ward
APPLICANT: Andrew T. Walt
TITLE OF INVENTION: ANTISENSE MODULATION OF EIF2C1 EXPRESSION
FILE REFERENCE: RTS-0236
CURRENT APPLICATION NUMBER: US/10/007,078
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 84
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-007-078-84

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      661 GCGCATCTTGCTCCTG 680
DB      20 GCGCATCTTGCTCCTG 1

RESULT 615
US-10-314-405-2/c
Sequence 2, Application US/10314405
Publication No. US20030108940A1
GENERAL INFORMATION:
APPLICANT: Hidetoshi, Inoko
APPLICANT: Gen. Tamiya
APPLICANT: Yasunari, Matsuzaka
TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MEC CLASS I
FILE REFERENCE: 06501-069001
CURRENT APPLICATION NUMBER: US/10/314,405
CURRENT FILING DATE: 2002-12-06
PRIOR APPLICATION NUMBER: US/09/713,616
PRIOR FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 46
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)-(20)
OTHER INFORMATION: artificially synthesized primer sequence
US-10-314-405-2

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      807 GCCAGTGTATTCATCTC 826
DB      20 GCCAGTGTATTCATCTC 1

RESULT 616
US-10-293-783-52
Sequence 52, Application US/10293783
Publication No. US2003013022A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wylatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BHS INTERACTING DOMAIN DEATH AGONIST EXPR
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/10/293,783
CURRENT FILING DATE: 2002-11-13
PRIOR APPLICATION NUMBER: US/09/800,631
```

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PRIOR FILING DATE: 2001-03-07
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-52

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      772 TTGATTTTATGATGATG 791
DB      1 TTGATTTTATGATGATG 20

RESULT 617
US-10-002-623-921/c
Sequence 921, Application US/10002623
Publication No. US20030134285A1
GENERAL INFORMATION:
APPLICANT: OEFNER, PETER J.
APPLICANT: UNDERHILL, PETER A.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
FILE REFERENCE: STAN-212
CURRENT APPLICATION NUMBER: US/10/002,623
CURRENT FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/245,355
PRIOR FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 952
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 921
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
US-10-002-623-921

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      200 TGTGTGAGGCTGCTCG 219
DB      20 TGTGTGAGGCTGCTCG 1

RESULT 618
US-10-313-739-15/c
Sequence 15, Application US/10313739
Publication No. US20030138948A1
GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Fisk, Gregory
APPLICANT: Inokuma, Margaret
TITLE OF INVENTION: Islet Cells from Human Embryonic Stem Cells
FILE REFERENCE: 132/002
CURRENT APPLICATION NUMBER: US/10/313,739
CURRENT FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 60/338,885
PRIOR FILING DATE: 2001-12-07
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.1
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
```

US-10-313-739-15

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 679 TGCACCTCTGCTCCCGG 698
DB 20 TGCACCTCCGCTCCTCGG 1

RESULT 619

US-10-233-032A-51
; Sequence 51, Application US/10233032A
; Publication No. US20030157704A1
; GENERAL INFORMATION:
; APPLICANT: Poole, Jason
; APPLICANT: Koninson, Igor
; APPLICANT: Chang, Bey-Dih
; TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING
; TITLE OF INVENTION: EXPRESSION OF GENES REGULATED BY CDK INHIBITORS
; FILE REFERENCE: 01-1156-A
; CURRENT APPLICATION NUMBER: US/10/233, 032A
; CURRENT FILING DATE: 2003-02-12
; PRIOR APPLICATION NUMBER: US 09/861,925
; PRIOR FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US 60/265,840
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Sense primer for cathepsin B promoter
US-10-233-032A-51

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 723 CTCCTGAGTAGCTGGGACTA 742
DB 1 CTCCTGAGTAGCTGGGACTA 20

RESULT 620

US-10-376-566-36/c
; Sequence 36, Application US/10376566
; Publication No. US20030158144A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; APPLICANT: Rich Koller
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR BETA EXPRESSION
; FILE REFERENCE: PUS-0347
; CURRENT APPLICATION NUMBER: US/10/376,566
; CURRENT FILING DATE: 2003-02-27
; PRIOR APPLICATION NUMBER: US/10/005,058
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-376-566-36

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 730 GTAGCTGGAGTACAGCGC 749
DB 20 GTAGCTGGAGTACAGCTGC 1

RESULT 621

US-10-331-907-302/c
; Sequence 302, Application US/10331907
; Publication No. US2003018160A1
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hees, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. US2003018160A1e1 LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. US2003018160A1e1 Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/331,907
; FILING DATE: 31-Dec-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4091
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 302:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 302:
US-10-331-907-302

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 484 AGCGGTGTGATCAAGCTCA 503
DB 20 AGCGGTGTGATCAAGCTCA 1

```
RESULT 622
US-10-005-344-251/c
; Sequence 251, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 251
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-251

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      543 TCAGCCTCCCAAGTAGCTGG 562
Db      20 TCAGCCTCCCAATGACTTG 1

RESULT 623
US-10-005-344-258/c
; Sequence 258, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 258
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-258

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      543 TCAGCCTCCCAAGTAGCTGG 562
Db      20 TCAGCCTCCCAATGACTTG 1

RESULT 624
US-10-005-344-262/c
; Sequence 262, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-262

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      213 GGTCTCGAATCCGACCTC 232
Db      20 GGTCTCGATCTCTGACCTC 1

RESULT 625
US-10-005-344-265/c
; Sequence 265, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 265
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-265

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      316 GTAGAAACAGGGTTTCACTG 335
Db      20 GTAGAGACAGGGTTTCACTG 1

RESULT 624
US-10-005-344-262/c
; Sequence 262, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-262

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      213 GGTCTCGAATCCGACCTC 232
Db      20 GGTCTCGATCTCTGACCTC 1

RESULT 625
US-10-005-344-265/c
; Sequence 265, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Mark J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Erich Koller
; APPLICANT: Mingyi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 265
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-265

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 842 GCCTGCTTGGCTCCCAA 861
DB 20 GCCCAGCTCGGCTCCCAA 1

RESULT 626
US-10-446-373-98

; Sequence 98, Application US/10446373
; Publication No. US20030204076A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR
; FILE REFERENCE: RTS-0232
; CURRENT APPLICATION NUMBER: US/10/446,373
; PRIOR FILING DATE: 2003-05-28
; PRIOR FILING DATE: 2001-09-13
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 98
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-446-373-98

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 885 CACACAGCCCGGCTATTTT 904
DB 1 CACCATGCCCGGCTATTTT 20

RESULT 627

US-10-181-316-233/c
; Sequence 233, Application US/10181316
; Publication No. US20030211607A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric B. Swayze
; APPLICANT: Lex M. Cowart
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISFH-0650
; CURRENT APPLICATION NUMBER: US/10/181,316
; PRIOR FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02939
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 09/486,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 233
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-233

Query Match 1.7%; Score 16.8; DB 1; Length 20;

Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 872 TACAGCGTGAGCCACACG 891
DB 20 TAAAGGTGTGAGCCACACG 1

RESULT 628

US-10-401-194-5
; Sequence 5, Application US/10401194
; Publication No. US20030219810A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Barnes, Glenn T.
; APPLICANT: Berlin, John
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
; FILE REFERENCE: MP102-041P1RM
; CURRENT APPLICATION NUMBER: US/10/401,194
; PRIOR FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/368,184
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-401-194-5

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 384 CTCCCAAGTGCTGGATTA 403
DB 1 CTCCCAAGCACTGGGATTA 20

RESULT 629

US-10-160-807-22
; Sequence 22, Application US/10160807
; Publication No. US20030224514A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/160,807
; PRIOR FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-807-22

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1027 CAGCAGCTGGGATTCGGG 1046
DB 1 CAGTAGCTGGGATTCAGG 20

RESULT 630

US-10-160-807-175/c
; Sequence 175, Application US/10160807
; Publication No. US20030224514A1

Query Match 1.7%; Score 16.8; DB 1; Length 20;

```

; GENERAL INFORMATION:
; APPLICANT: William M. Freiler
; APPLICANT: Susan M. Freiler
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/160,807
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 175
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-160-807-175

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1027 CAAGCAGCTGGGATTACGGG 1046
DB      20 CAAGTACCTGGGATTACAGG 1

RESULT 631
US-10-388-263-700
; Sequence 700, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Combert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 700
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-700

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      772 TTGTATTTTAGTAGATG 791
DB      1 TTGTATTTTAGTAGAGACG 20

RESULT 632
US-10-174-460-77
; Sequence 77, Application US/10174460
; Publication No. US20030232441A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
; FILE REFERENCE: PTS-0014
; CURRENT APPLICATION NUMBER: US/10/174,460
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-460-77

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      836 TGATCTGCTGCTGCTGCT 855
DB      1 TGATCTGCTGCTGCTGCT 20

RESULT 633
US-10-175-492-88
; Sequence 88, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-88

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      219 GAATCCCGACCTCAGATGA 238
DB      1 GAATCCTCGACCTCAGGTGA 20

RESULT 634
US-10-175-492-162/c
; Sequence 162, Application US/10175492
; Publication No. US20030232442A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PAZ/PIWI DOMAIN-CONTAINING PROTEIN EXPRES
; FILE REFERENCE: RTS-0435
; CURRENT APPLICATION NUMBER: US/10/175,492
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-175-492-162

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      219 GAATCCCGACCTCAGATGA 238
```

Db 20 GAACCTCTACCTCAGGTGA 1

RESULT 635
US-10-187-659A-13/C
Sequence 13, Application US/10187659A
Publication No. US20040002152A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF P2X4 EXPRESSION
FILE REFERENCE: PTS-0379
CURRENT APPLICATION NUMBER: US/10/187,659A
CURRENT FILING DATE: 2002-07-01
NUMBER OF SEQ ID NOS: 143
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-187-659A-13

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 386 CCCAAGTGTGGGATTACA 405
Db 20 CGCAAGTGTGGGATTACA 1

RESULT 636
US-10-277-216-208
Sequence 208, Application US/10277216
Publication No. US20040002470A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4051
CURRENT APPLICATION NUMBER: US/10/277,216
CURRENT FILING DATE: 2002-10-17
PRIOR APPLICATION NUMBER: 10/126,022
PRIOR FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 208
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-208

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 686 TCTGCTCCGGGTTCAAGT 705
Db 1 TCTGCTCCGGGTTCAAGT 20

RESULT 637
US-10-199-676-37
Sequence 37, Application US/10199676
Publication No. US20040014051A1
GENERAL INFORMATION:

APPLICANT: Vickie L. Brown-Driver
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
FILE REFERENCE: PTS-0017
CURRENT APPLICATION NUMBER: US/10/199,676
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-676-37

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 ACACCCCGCTAATTTTGTGA 1077
Db 1 ACACCCCGCTAATTTTGTGA 20

RESULT 638
US-10-199-676-73/C
Sequence 73, Application US/10199676
Publication No. US20040014051A1
GENERAL INFORMATION:
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
FILE REFERENCE: PTS-0017
CURRENT APPLICATION NUMBER: US/10/199,676
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 84
SEQ ID NO 73
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-199-676-73

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 ACACCCCGCTAATTTTGTGA 1077
Db 20 ACACCCCGCTAATTTTGTGA 1

RESULT 639
US-10-126-022-208
Sequence 208, Application US/10126022
Publication No. US20040023215A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4039US2
CURRENT APPLICATION NUMBER: US/10/126,022
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 208
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-208

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      686 TCTGCTCCCGGTTCAAGT 705
Db      1 TCTGCTCCCGAGATTCAAGT 20

RESULT 640
US-10-655-847-22
; Sequence 22, Application US/10655847
; Publication No. US20040063129A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Gaarde
; APPLICANT: William Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/655,847
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: US/10/160,807
; PRIOR FILING DATE: 2003-09-05
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-655-847-22

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1027 CAAGCAGCTGGGATTACGGG 1046
Db      1 CAAGTACGCTGGGATTACAGG 20

RESULT 641
US-10-655-847-175/c
; Sequence 175, Application US/10655847
; Publication No. US20040063129A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Gaarde
; APPLICANT: William Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/655,847
; CURRENT FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: US/10/160,807
; PRIOR FILING DATE: 2003-09-05
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 175
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-655-847-175

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1027 CAAGCAGCTGGGATTACGGG 1046
Db      1 CAAGTACGCTGGGATTACAGG 20

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-96/c
; Sequence 96, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-96

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      651 GGAGTGCAATGGCGCAATCT 670
Db      20 GGAGTGCAATGGCGCAACT 1

RESULT 643
US-10-728-509-97/c
; Sequence 97, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 97
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-97

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      867 GGGATTACAGCGCGTAGGCCA 886
Db      20 GGGATTACAGCGCATGTGCCA 1

RESULT 644
US-10-627-757-19
; Sequence 19, Application US/10627757
; Publication No. US20040091914A1
; GENERAL INFORMATION:
; APPLICANT: KOUCHI YASUHIRO
; APPLICANT: MASASGO AKINORI
; APPLICANT: TAKAHARI TAKAYUKI
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; TITLE OF INVENTION: GENE ASSAY METHOD FOR PREDICTING GLAUCOMA ONSET RISK
; FILE REFERENCE: Q76319
; CURRENT APPLICATION NUMBER: US/10/627,757
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: JP P2002-226612
; PRIOR FILING DATE: 2002-08-02
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Designed DNA based on OPTN gene
US-10-627-757-19

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      574 TGCACCACTACACCTGCTA 593
DB      1 TGTGCCACTACACCTGCTA 20

RESULT 645
US-10-303-325-82
; Sequence 82, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-82

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      989 GCCTCCCGGGCTCAAGCGAT 1008
DB      1 GCCTCCCGAGTTCAAGCGAT 20

RESULT 646
US-10-303-325-148/c
; Sequence 148, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-325-148
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Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      989 GCCTCCCGGGCTCAAGCGAT 1008
DB      20 GCCTCCCGAGTTCAAGCGAT 1

RESULT 647
US-10-467-126-83/c
; Sequence 83, Application US/10467126
; Publication No. US20040121973A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0747
; CURRENT APPLICATION NUMBER: US/10/467,126
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: PCT/US02/03848
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: US 09/780,049
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-467-126-83

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      875 AGCGGTGAGCCACCAAGCCC 894
DB      20 AGCGGTGAGCCACTTGCCC 1

RESULT 648
US-10-671-395-38/c
; Sequence 38, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-38

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1001 CAAGCAATTCCTGTCTCA 1020
```

Db 20 CAAGGATTCTCCGCGCTCA 1

RESULT 649
US-10-671-395-41/c
; Sequence 41, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-41

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1000 TCAGCGATTCTCCGCTC 1019
Db 20 TCAGCGATTCTCCGCGCTC 1

RESULT 650
US-10-671-395-86/c
; Sequence 86, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-86

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 987 CTGCTCCGCGGCTCAAGC 1006
Db 20 CGCCTCCGCGGCTCAAGC 1

RESULT 651
US-10-671-395-109/c
; Sequence 109, Application US/10671395

; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-109

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1002 AAGGATTCTCTCTCAG 1021
Db 20 AAGGATTCTCCGCGCTCAG 1

RESULT 652
US-10-671-395-212/c
; Sequence 212, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 212
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-212

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 391 AGTGCTGGATTACAGGCT 410
Db 20 AGTGCTGGATTACAGGCT 1

RESULT 653
US-10-671-395-239/c
; Sequence 239, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US

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; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-239

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 863 TGCTGGATTACAGCGCTGA 862
Db 20 TGCTGGATTACAGCGCATGA 1

RESULT 654
US-10-671-395-298/c
; Sequence 298, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 298
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-298

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1003 AGCGATTCTCCTGCTCAGC 1022
Db 20 AGCGATTCTCCTCGCTCAGC 1

RESULT 655
US-10-671-395-333/c
; Sequence 333, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 333

; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-449/c
; Sequence 449, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 449
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-449

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 392 GTGCTGGATTACAGCGCTG 411
Db 20 GTGCTGGATTACAGCGCATG 1

RESULT 657
US-10-671-395-456/c
; Sequence 456, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 456
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-456
```

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1004 GCGATTCCTCCTGCTCAGCC 1023
|||
Db 20 GCGATTCCTCCTGCTCAGCC 1

RESULT 658
US-10-671-395-515/c
; Sequence 515, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 515
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-515

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 708 TTCTCTGCCCCAGCCTCT 727
|||
Db 20 TTCTCTGCCCCAGCCTCT 1

RESULT 659
US-10-671-395-529/c
; Sequence 529, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 529
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-529

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 996 GGGCTCAAGCGATTCCTG 1015
|||
Db 20 GGGCTCAAGCGATTCCTG 1

RESULT 660
US-10-671-395-568/c
; Sequence 568, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 568
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-568

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 681 CAGCCTGCTCCCGGCTT 700
|||
Db 20 CAGCCTGCTCCCGGCTT 1

RESULT 661
US-10-671-395-597/c
; Sequence 597, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 597
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-597

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 532 ATCTCTGCTCCTCAGCCTCC 551
|||
Db 20 ATCTCTGCTCCTCAGCCTCC 1

RESULT 662
US-10-671-395-645/c
; Sequence 645, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 645
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-645

```

; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 645
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-645

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1058 ACACCCCGCTAATTTTGT 1077
DB      20 ATACCAGCTAATTTTGT 1

RESULT 663
; US-10-671-395-656/c
; Sequence 656, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 656
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-656

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      672 GGCTCACTGCACCTCTGCC 691
DB      20 GGCTCACTGCACCTCTGCC 1

RESULT 664
; US-10-671-395-657/c
; Sequence 657, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
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; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 657
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-657

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1057 CACACCCCGCTAATTTTGT 1076
DB      20 CATACCAGCTAATTTTGT 1

RESULT 665
; US-10-671-395-668/c
; Sequence 668, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 668
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-668

Query Match      1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      671 TGGCTCACTGCACCTCTGCC 690
DB      20 TGGCTCACTGCACCTCTGCC 1

RESULT 666
; US-10-671-395-678/c
; Sequence 678, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 678
; LENGTH: 20
; TYPE: DNA
```

ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-678

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1006 GATTCTCTGTCTCAGCTC 1025
DB 20 GATTCTCTCTCAGCTC 1

RESULT 667
US-10-671-395-688/c
Sequence 688, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 688
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-688

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 710 CTCTGCCCCAGCCCTCTGA 729
DB 20 CTCTGCCCCAGCCCTCTGA 1

RESULT 668
US-10-671-395-753/c
Sequence 753, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 753
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-753

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 711 TCTGCCCCAGCCCTCTGAG 730
DB 20 TCTGCCCCAGCCCTCTGAG 1

RESULT 669
US-10-671-395-783/c
Sequence 783, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 783
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-783

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 675 TCACGCACTCTGCTCC 694
DB 20 TCACGCACTCTGCTCC 1

RESULT 670
US-10-671-395-790/c
Sequence 790, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 790
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-790

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 673 GCTCAGCAGCCTCGCT 692
DB 20 GCTCAGCAGCCTCGCT 1

```
RESULT 671
US-10-671-395-812/c
; Sequence 812, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 812
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-812

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 679 TGCACCTCTGCTCCCGGG 698
DB 20 TGCAGCCTCGCCTCCCGGG 1

RESULT 672
US-10-671-395-828/c
; Sequence 828, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 828
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-828

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 674 CTCACCTGCAACCTGCTCC 693
DB 20 CTCACCTGCAACCTGCTCC 1

RESULT 673
US-10-671-395-829/c
; Sequence 829, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 829
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-829

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1005 CGATTCTCCTGCTCAGCCT 1024
DB 20 CGATTCTCCTGCTCAGCCT 1

RESULT 674
US-10-671-395-847/c
; Sequence 847, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 847
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-847

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 CCATCTCCGCTAATTTTG 1075
DB 20 CCATCTCCGCTAATTTTG 1

RESULT 675
US-10-671-395-861/c
; Sequence 861, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 861
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-861
```

NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 861
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-861

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 678 CTGCACTCTGCCCCGG 697
DB 20 CTGCGCTCTGCCCCGG 1

RESULT 676
US-10-671-395-862/c
Sequence 862, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 862
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-862

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 709 TCTCTGCCCCGCTCTG 728
DB 20 TCTCCGCTGCGCTCTG 1

RESULT 677
US-10-671-395-863/c
Sequence 863, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 863
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:

OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-863

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1055 ACCACCCCGCTATTTT 1074
DB 20 ACCATACCGCTATTTT 1

RESULT 678
US-10-671-395-882/c
Sequence 882, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 882
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-882

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 712 CCGCCCCGCTCTGAGT 731
DB 20 CCGCCTCAGCTCTGAGT 1

RESULT 679
US-10-671-395-950/c
Sequence 950, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
PRIOR FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 950
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-950

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 643 CCCAGGCTGGAGTGCAGTGG 662
||| ||||| |||||
Db 20 CCCAAGCTGGAGTGAAGTGG 1

```

RESULT 680
US-10-671-395-956/c
; Sequence 956, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 956
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-956

```

Query Match	1.7%	Score 16.8;	DB 1;	Length 20;
Best Local Similarity	90.0%;	Pred. No.5.9e+02;		
Matches 18;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

QY	677	ACTGCAACCTCTGCGCTCCG	696
Db	20	ACTGCAGCCTCCGCTCCG	1

```

RESULT 681
US-10-671-395-963/c
; Sequence 963; Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSONAL PROSTAGLANDIN E2 SYNTHASEE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 963
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-963

```

Query Match	1.7%	Score 16.8;	DB 1;	Length 20;
Best Local Similarity	90.0%;	Pred. No. 5.9e+02;		
Matches	18;	Conservative	0;	Mismatches 2;
			Indels	0;
			Gaps	0;

DY 680 GCAACCTCTGCCCTCCCGGGT 699
 ||| ||||| ||||| |||||
Db 20 GCAGCCTCCGCTCCCGGGT 1

RESULT 682
US-10-671-395-986/c.

```

Sequence 986, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOXNAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179.1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 986
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-986

```

Query Match	1.7%;	Score 16.8;	DB 1;	Length 20;
Best Local Similarity	90.0%;	Pred. No. 5.9e+02;		
Matches 18;	Conservative 0;	Mismatches 2;	Indels 0;	Gaps 0;

Qy 676 CACTGCAACCTCTGCCTCCC 695
|||
Db 20 CACTGCAGCCTCCGCTCCC 1

```

RESULT 683
US-10-671-395-987/c
: Sequence 987, Application US/10671395
: Publication No. US20040132063A1
GENERAL INFORMATION:
: APPLICANT: Pharmacia Corp.
: APPLICANT: Glaxo, James K
: TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAMAL PROSTAGLANDIN E2 SYNTHASE
: TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAMAL PROSTAGLANDIN E2 SYNTHASE
: FILE REFERENCE: 1179/1/US
: CURRENT APPLICATION NUMBER: US/10/671,395
: CURRENT FILING DATE: 2003-09-25
: PRIOR APPLICATION NUMBER: 60/413,549
: PRIOR FILING DATE: 2002-09-25
: NUMBER OF SEQ ID NOS: 1809
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO 987
: LENGTH: 20
: TYPE: DNA
: ORGANISM: artificial
: FEATURE:
: OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-987

```

Query Match	1.7%	Score 16.8	DB 1	Length 20
Best Local Similarity	90.0%	Pred. No. 5.9e+02		
Matches 18	Conservative 0	Mismatches 2	Indels 0	Gaps 0

Qy 1054 CACCACACCCCGCTAATTTT 1073
|||||
Db 20 CACCATACCAGCTAATTTT 1

RESULT 684 3
 US-10-671-395-1001/c
 ; Sequence 1001, Application US/10671395
 ; Publication No. US20040132063A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pharmacia Corp.
 ; APPLICANT: Gierse, James K
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
 ; TITLE OF INVENTION: EXPRESSION

```
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671.395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1001
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1001

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db
713 CTGCCCCAGCCTCCCTGAGTA 732
20 CCGCCTCAGCCTCCTGAGTA 1

RESULT 685
US-10-671-395-1016/c
Sequence 1016, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671.395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1016
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1016

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db
792 GGGTTCACCATGTTGCCAG 811
20 GGGTTCACCATGTTGCCAG 1

RESULT 686
US-10-671-395-1224/c
Sequence 1224, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671.395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
```

```
SEQ ID NO 1224
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1224

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db
776 ATTTTAGTAGAGATGGGT 795
20 ATTTTAGTAGAGATGGGT 1

RESULT 687
US-10-671-395-1309/c
Sequence 1309, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671.395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1309
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1309

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Db
1066 CTAATTTTGTATTTTCATT 1085
20 CTAATTTTGTATTTTAGT 1

RESULT 688
US-10-671-395-1323/c
Sequence 1323, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671.395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1323
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1323
```

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 935 CTCTGTTACCCAGCTGAG 954
DB 20 CTCTGTTGCCAAGCTGAG 1

RESULT 689
US-10-671-395-1334/c
; Sequence 1334, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1334
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1334

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 214 GTCTGCACTCCGACCTCA 233
DB 20 GTCTGCACTCCGACCTCA 1

RESULT 690
US-10-671-395-1433/c
; Sequence 1433, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1433
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1433

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 213 GGTCTGCACTCCGACCTC 232
DB 20 GGTCTGCACTCCGACCTC 1

DB 20 GGTCTGCACTCCTGACCTC 1

RESULT 691
US-10-671-395-1512/c
; Sequence 1512, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1512
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1512

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 GGTTCACCACTGTTGCCAG 812
DB 20 GGTTCACCACTGTTGCCAG 1

RESULT 692
US-10-671-395-1549/c
; Sequence 1549, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1549
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1549

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 937 CTGTACCCAGCTGAGTG 956
DB 20 CTGTACCCAGCTGAGTG 1

RESULT 693
US-10-671-395-1567/c
; Sequence 1567, Application US/10671395
; Publication No. US20040132063A1

```

; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1567
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1567

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 936 TCTGTTACCCAGGCTGAGT 955
      |||||
DB 20 TCTGTTGCCCAAGCTGAGT 1

RESULT 694
US-10-671-395-1568/c
; Sequence 1568, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1568
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1568

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 394 GCTGGATTACGCGCTGCA 413
      |||||
DB 20 GCTGGATTACGCGCGCTA 1

RESULT 695
US-10-671-395-1630/c
; Sequence 1630, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1567
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1630
```

```

; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1630
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1630

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 371 CACCTGCTCAGCCTCCCA 390
      |||||
DB 20 CACCGGCTCGGCTCCCA 1

RESULT 696
US-10-671-395-1713/c
; Sequence 1713, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1713
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1713

Query Match          1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 370 CCACCTGCTCAGCCTCCCA 389
      |||||
DB 20 CCACCGGCTCGGCTCCCA 1

RESULT 697
US-10-671-395-1751/c
; Sequence 1751, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1751
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1751
```

;; TYPE: DNA
;; ORGANISM: artificial
;; FEATURE:
;; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1751

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 369 TCCACCTGCTCAGCTCC 388
DB 20 TCCACCGGCTCGGCTCCC 1

RESULT 698
US-10-745-377-66/c
; Sequence 66, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-66

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 659 GTGGCGCATCTGGCTCAC 678
DB 20 GTGGCGCATCTGGCTCAC 1

RESULT 699
US-10-664-639A-77/c
; Sequence 77, Application US/1066639A
; Publication No. US20040137471A1
; GENERAL INFORMATION:
; APPLICANT: Vickers, Timothy
; APPLICANT: Koo, Seongjoon
; APPLICANT: Bennett, C. Frank
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Baker, Brenda F.
; TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and
; TITLE OF INVENTION: Double-Stranded Oligomeric Compounds

FILE REFERENCE: ISIS0001-100 (CORE00027US)
; CURRENT APPLICATION NUMBER: US/10/664,639A
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 60/411,780
; PRIOR FILING DATE: 2002-09-18
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-664-639A-77

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 722 CCTCTAGTACTGGACT 741
DB 20 CCTCCGAGTACTGGATT 1

RESULT 700
US-10-681-199-39
; Sequence 39, Application US/10681199
; Publication No. US20040138441A1
; GENERAL INFORMATION:
; APPLICANT: KERE, Juba
; TITLE OF INVENTION: NOVEL HUMAN GENE FUNCTIONALLY RELATED TO DYSLLEXIA
; FILE REFERENCE: 0933-0214P
; CURRENT APPLICATION NUMBER: US/10/681,199
; CURRENT FILING DATE: 2003-10-09
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER EXN1-9P
US-10-681-199-39

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 384 CTCCTCAAGTCTGGATT 403
DB 1 CTCCTCAAGTCTGGATT 20

RESULT 701
US-10-772-542-85/c
; Sequence 85, Application US/10772542
; Publication No. US20040142898A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/10/772,542
; CURRENT FILING DATE: 2004-02-05
; PRIOR APPLICATION NUMBER: US/09/898,556
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-10-772-542-85

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 391 AGTGCTGGATTACAGGCT 410
DB 20 AGTGCTGGATTACAGGCT 1

RESULT 702

US-10-772-542-87/c
; Sequence 87, Application US/10772542
; Publication No. US20040142898A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/10/772,542
; CURRENT FILING DATE: 2004-02-05
; PRIOR APPLICATION NUMBER: US/09/898,556
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-772-542-87

Query Match 1.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 930 TCTACTCTGTATCCAGGC 949
DB 20 TCTACTCTGTATCCAGGC 1

RESULT 703
US-09-770-107-86
; Sequence 86, Application US/09770107
; Publication No. US20030054345A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Meyer, Joanne
; APPLICANT: Barrington-Martin, Rory
; APPLICANT: Parker, Alexander
; APPLICANT: Barnes, Glenn
; TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of
; FILE REFERENCE: 3322/0H401
; CURRENT APPLICATION NUMBER: US/09/770,107
; CURRENT FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 86
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-770-107-86

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 685 CTCTGCTCCCGGCTTCAAG 704
DB 1 CTCTGCTCCCGGCTTCAAG 20

RESULT 704

US-09-967-323-2
; Sequence 2, Application US/09967323
; Publication No. US20030082551A1
; GENERAL INFORMATION:
; APPLICANT: Zarling, David A.
; APPLICANT: Caspi, Ron
; APPLICANT: Stephens, Kathryn M.
; APPLICANT: Sargent, Roy G.
; APPLICANT: Lehman, Christopher
; TITLE OF INVENTION: High-Throughput Gene Cloning and Phenotypic Screening
; FILE REFERENCE: A-67933-3/RFT/NBC
; CURRENT APPLICATION NUMBER: US/09/967,323
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-967-323-2

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCACAGTCACTCAGCCT 512
DB 1 ATCACAGTCACTCAGCCT 20

RESULT 705
US-09-532-708-2
; Sequence 2, Application US/09532708
; Publication No. US20030124505A1
; GENERAL INFORMATION:
; APPLICANT: Jain, Sarita
; APPLICANT: Allen, Elizabeth
; APPLICANT: Paci, Susma
; APPLICANT: Sargent, Roy
; APPLICANT: Zarling, David
; TITLE OF INVENTION: HIGH-THROUGHPUT GENE CLONING AND PHENOTYPIC SCREENING
; FILE REFERENCE: A-67933-1/RFT/RMS/BTC
; CURRENT APPLICATION NUMBER: US/09/532,708
; CURRENT FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: US 60/125,536
; PRIOR FILING DATE: 1999-03-22
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-09-532-708-2

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCACAGTCACTCAGCCT 512
DB 1 ATCACAGTCACTCAGCCT 20

RESULT 706
US-10-085-906-376
; Sequence 376, Application US/10085906

```
/ Publication No. US20030054371A1
/ GENERAL INFORMATION:
/ APPLICANT: Yins, Vincent
/ APPLICANT: Wu, Paul
/ APPLICANT: Gray, Gary S.
/ TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
/ TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
/ FILE REFERENCE: GNN-5343CP2
/ CURRENT APPLICATION NUMBER: US/10/085,906
/ CURRENT FILING DATE: 2002-02-27
/ PRIOR APPLICATION NUMBER: US 60/126,215
/ PRIOR FILING DATE: 1999-03-25
/ PRIOR APPLICATION NUMBER: US 09/534,061
/ PRIOR FILING DATE: 2000-03-24
/ PRIOR APPLICATION NUMBER: PCT/US00/07938
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 545
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 376
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-085-906-376

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      737 GGACTACAGCGCCGCCACAC 756
DB      1 GGATTACAGCGCCGCCACAC 20

RESULT 707
US-10-005-956-737/c
/ Sequence 737, Application US/10005956
/ Publication No. US20030113726A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
/ FILE REFERENCE: D0053NP
/ CURRENT APPLICATION NUMBER: US/10/005,956
/ CURRENT FILING DATE: 2001-12-03
/ PRIOR APPLICATION NUMBER: 60/251,015
/ PRIOR FILING DATE: 2000-12-04
/ PRIOR APPLICATION NUMBER: 60/263,678
/ PRIOR FILING DATE: 2001-01-23
/ PRIOR APPLICATION NUMBER: 60/273,037
/ PRIOR FILING DATE: 2001-03-02
/ NUMBER OF SEQ ID NOS: 1579
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 737
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-005-956-737

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1085 TAGAGCGCGGGTTTCACCAT 1104
DB      20 TAGAGTCGGGGTCTCACCAT 1

RESULT 708
US-10-005-956-738/c
/ Sequence 738, Application US/10005956
/ Publication No. US20030113726A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
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/ FILE REFERENCE: D0053NP
/ CURRENT APPLICATION NUMBER: US/10/005,956
/ CURRENT FILING DATE: 2001-12-03
/ PRIOR APPLICATION NUMBER: 60/251,015
/ PRIOR FILING DATE: 2000-12-04
/ PRIOR APPLICATION NUMBER: 60/263,678
/ PRIOR FILING DATE: 2001-01-23
/ PRIOR APPLICATION NUMBER: 60/273,037
/ PRIOR FILING DATE: 2001-03-02
/ NUMBER OF SEQ ID NOS: 1579
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 738
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-005-956-738

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1085 TAGAGCGCGGGTTTCACCAT 1104
DB      20 TAGAGTCGGGGTCTCACCAT 1

RESULT 709
US-10-005-956-982/c
/ Sequence 982, Application US/10005956
/ Publication No. US20030113726A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
/ FILE REFERENCE: D0053NP
/ CURRENT APPLICATION NUMBER: US/10/005,956
/ CURRENT FILING DATE: 2001-12-03
/ PRIOR APPLICATION NUMBER: 60/251,015
/ PRIOR FILING DATE: 2000-12-04
/ PRIOR APPLICATION NUMBER: 60/263,678
/ PRIOR FILING DATE: 2001-01-23
/ PRIOR APPLICATION NUMBER: 60/273,037
/ PRIOR FILING DATE: 2001-03-02
/ NUMBER OF SEQ ID NOS: 1579
/ SOFTWARE: Patentin version 3.0
/ SEQ ID NO 982
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: homo sapiens
US-10-005-956-982

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1085 TAGAGCGCGGGTTTCACCAT 1104
DB      20 TAGAGTCGGGGTCTCACCAT 1

RESULT 710
US-10-005-956-983/c
/ Sequence 983, Application US/10005956
/ Publication No. US20030113726A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
/ FILE REFERENCE: D0053NP
/ CURRENT APPLICATION NUMBER: US/10/005,956
/ CURRENT FILING DATE: 2001-12-03
/ PRIOR APPLICATION NUMBER: 60/251,015
/ PRIOR FILING DATE: 2000-12-04
/ PRIOR APPLICATION NUMBER: 60/263,678
/ PRIOR FILING DATE: 2001-01-23
```

;; PRIOR APPLICATION NUMBER: 60/273,037
;; PRIOR FILING DATE: 2001-03-02
;; NUMBER OF SEQ ID NOS: 1579
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 983
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: homo sapiens
US-10-005-956-983

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 1085 TAGAGCGGGGTTTCACCAT 1104
Db 20 TAGAGTCGGGGTTCACCAT 1

RESULT 711
US-10-165-099-338/c
; Sequence 338, Application US/10165099
; Publication No. US20030188326a1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2055
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 338
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-338

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 868 GGATTACAGGCGTGAGCCAC 887
Db 20 GGATTACAGCATGAGCCAC 1

RESULT 712
US-10-349-143-6639/c
; Sequence 6639, Application US/10349143
; Publication No. US20040005584a1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

;; NUMBER OF SEQ ID NOS: 11796
;; SEQ ID NO 6639
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo Sapiens
;; FEATURE:
;; NAME/KEY: primer_bind
;; LOCATION: 1..21
;; OTHER INFORMATION: upstream amplification primer 99-14743 for SEQ 2705,
US-10-349-143-6639

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 313 GTGTAGAAACAGGCTTCA 332
Db 21 GTGTAGAAAAAGGCTTCA 2

RESULT 713
US-10-410-031-189
; Sequence 189, Application US/10410031
; Publication No. US20040010817a1
; GENERAL INFORMATION:
; APPLICANT: Shockey, Jay M.
; APPLICANT: Schnurr, Judy
; APPLICANT: Browne, John A.
; TITLE OF INVENTION: Plant Acyl-coA Synthetases
; FILE REFERENCE: DOW-07654
; CURRENT APPLICATION NUMBER: US/10/410,031
; CURRENT FILING DATE: 2003-04-09
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 189
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-410-031-189

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Cy 427 TTTTATTATTTATTTTTTA 446
Db 2 TTTTATTTTATTTTTTTTA 21

RESULT 714
US-10-627-253A-89
; Sequence 89, Application US/10627253A
; Publication No. US20040161768a1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOPMEYER, SVEN
; APPLICANT: MORNINGBEG, ESTHER
; TITLE OF INVENTION: POLYOMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; CURRENT FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 89
; LENGTH: 21

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-89

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 834 TGTGATCTGCGCCGCTCGGC 853
DB 1 TGTGATCGGCCCGCTCGGC 20

RESULT 715
US-10-627-253A-90/C
; Sequence 90, Application US/10627253A
; Publication No. US20040161768A1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOFFMEYER, SVEN
; APPLICANT: MORRIMBERG, ESTHER
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; CURRENT FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 90
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-90

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 834 TGTGATCTGCGCCGCTCGGC 853
DB 21 TGTGATCGGCCCGCTCGGC 2

RESULT 716
US-10-786-720-13164
; Sequence 13164, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13164
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-13164
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Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 795 TTCACCATGTTGCCAGGTT 814
DB 1 UUCACCAUGUNAGCCAGGAV 20

RESULT 717
US-10-786-720-13230
; Sequence 13230, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13230
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-13230

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 6.2e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 212 TGATCTGCACTCCGACCT 231
DB 1 UGUCUCGAVCUCUCGACCU 20

RESULT 718
US-10-786-720-13251
; Sequence 13251, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13251
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-13251

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 6.2e+02;
Matches 14; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 673 GCTCAGCACTCTGCT 692
DB 2 GCTCAGCACTCTGCT 21

RESULT 719
US-10-786-720-14250/C
; Sequence 14250, Application US/10786720
; Publication No. US20040191818A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14250
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-14250

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1039 ATACAGCGCCTGCGCACC 1058
DB      20  ATACAGCGCGCTGCCACCA 1
      ||||| ||||| ||||| |||||
      ||||| ||||| ||||| |||||

RESULT 720
US-10-786-720-15367
; Sequence 15367, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15367
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-15367

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      493 ATCAGCTCACTGCAGCCT 512
DB      2  ATCAGCTCACTGCAGCCT 21
      ||||| ||||| ||||| |||||
      ||||| ||||| ||||| |||||

RESULT 721
US-10-786-720-15368
; Sequence 15368, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15368
; LENGTH: 21
```

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; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-15368

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 6.2e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      494 TCACAGCTCACTGCAGCCT 513
DB      1  UCACAGUUCAUUGCAGCCU 20
      :|||: :|||: :|||: :|||:
      :|||: :|||: :|||: :|||:

RESULT 722
US-10-786-720-15369/C
; Sequence 15369, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15369
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-15369

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      493 ATCAGCTCACTGCAGCCT 512
DB      20  ATCAGCTCACTGCAGCCT 1
      ||||| ||||| ||||| |||||
      ||||| ||||| ||||| |||||

RESULT 723
US-10-786-720-15733
; Sequence 15733, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15733
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-15733

Query Match          1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      493 ATCAGCTCACTGCAGCCT 512
DB      2  ATCAGCTCACTGCAGCCT 21
      ||||| ||||| ||||| |||||
      ||||| ||||| ||||| |||||
```

```
RESULT 724
US-10-786-720-15734
; Sequence 15734, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15734
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-15734

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 494 TCACAGCTCAGTCAGCCTT 513
:|||||:|||||:
Db 1 UCACAGUCUACUCCAGCCU 20

RESULT 725
US-10-786-720-15735/c
; Sequence 15735, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15735
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-15735

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGCTCAGTCAGCCTT 512
:|||||:|||||:
Db 20 ATCAGCTCAGTCAGCCTT 1

RESULT 726
US-10-786-720-16054
; Sequence 16054, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
```

```
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16054
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-16054

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGCTCAGTCAGCCTT 512
:|||||:|||||:
Db 2 ATCAGCTCAGTCAGCCTT 21

RESULT 727
US-10-786-720-16055
; Sequence 16055, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16055
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-16055

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 494 TCACAGCTCAGTCAGCCTT 513
:|||||:|||||:
Db 1 UCACAGUCUACUCCAGCCU 20

RESULT 728
US-10-786-720-16056/c
; Sequence 16056, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16056
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-16056

Query Match
Best Local Similarity 1.7%; Score 16.8; DB 1; Length 21;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 493 ATCAGCTCAGTCAGCCTT 512
```

```
Db      20 ATCAGAGTTCATGAGCCT 1
      |||||
RESULT 729
US-10-786-720-16405
; Sequence 16405, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16405
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-16405

Query Match      1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      493 ATCAGAGTTCATGAGCCT 512
      |||||
Db      2 ATCAGAGTTCATGAGCCT 21
      |||||

RESULT 730
US-10-786-720-16406
; Sequence 16406, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16406
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-16406

Query Match      1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 6.2e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy      494 TCACAGCTCAGTGCAGCCTT 513
      |||||
Db      1 UCACAGUCUACUUGCAGCCU 20
      |||||

RESULT 731
US-10-786-720-16407/c
; Sequence 16407, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16407
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-16407

Query Match      1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      493 ATCAGAGTTCATGAGCCT 512
      |||||
Db      20 ATCAGAGTTCATGAGCCT 1
      |||||

RESULT 732
US-10-786-720-20181
; Sequence 20181, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20181
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20181

Query Match      1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 6.2e+02;
Matches 12; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy      193 TTCTCATGTTGTCAGCCT 212
      |||||
Db      1 UCACAGUCUUGGCCAGGCU 20
      |||||

RESULT 733
US-10-786-720-20184
; Sequence 20184, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20184
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20184

Query Match      1.7%; Score 16.8; DB 1; Length 21;
```


ORGANISM: RNA1-antisense strand
US-10-786-720-20394

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 6.2e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 967 ATTCGGCTCACTGCACT 986
DB 1 AUCUCCAGCUCACUGAACCU 20

RESULT 739
US-10-786-720-20459

Sequence 20459, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20459
LENGTH: 21
TYPE: RNA
ORGANISM: RNA1-sense strand
US-10-786-720-20459

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 55.0%; Pred. No. 6.2e+02;
Matches 11; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 795 TTCACCATGTCGCAGGT 814
DB 2 UUCACCAUGUGGCUAGGU 21

RESULT 740
US-10-786-720-20629

Sequence 20629, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20629
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-20629

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 208 AGGCTGGTCTGCACTCCG 227
DB 2 AGGCTGGTCTTGAACCTCG 21

RESULT 741

US-10-786-720-20631/c
Sequence 20631, Application US/10786720
Publication No. US2004019181A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 20631
LENGTH: 21
TYPE: RNA
ORGANISM: RNA1-antisense strand
US-10-786-720-20631

Query Match 1.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 208 AGGCTGGTCTGCACTCCG 227
DB 20 AGGCTGGTCTTGAACCTCG 1

RESULT 742
US-09-728-552-2/c

Sequence 2, Application US/09728552
Publication No. US20030096398A1
GENERAL INFORMATION:
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Du Sart, Desiree
APPLICANT: Cancilla, Michael R.
TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
FILE REFERENCE: Davies Col
CURRENT APPLICATION NUMBER: US/09/728,552
CURRENT FILING DATE: 2000-12-02
PRIOR APPLICATION NUMBER: 09/078,294
PRIOR FILING DATE: 1998-05-13
NUMBER OF SEQ ID NOS: 29
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 19
TYPE: DNA
ORGANISM: DNA primer
US-09-728-552-2

Query Match 1.7%; Score 16.6; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 5.8e+02;
Matches 16; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 645 CAGGCTGAGTGCAGTGC 663
DB 19 CAGGCTGAGTGCAGTGC 1

RESULT 743
US-09-263-959-1276/c

Sequence 1276, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSES: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 1276:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-1276

Query Match 1.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 641 CACCCAGGCTGGAGTSCA 658
DB 18 CATCCAGGCTGGAGTSCA 1

RESULT 744
US-09-739-909-7/c
Sequence 7, Application US/09739909
Publication No. US20030022163A1
GENERAL INFORMATION:
APPLICANT: Mandrekar, Michelle N.
APPLICANT: Tereba, Allan
APPLICANT: Shultz, John W.
TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
FILE REFERENCE: US CIP OF PRO-104.0
CURRENT APPLICATION NUMBER: US/09/739,909
CURRENT FILING DATE: 2000-12-15
PRIOR APPLICATION NUMBER: 09/358,972
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/383,316
PRIOR FILING DATE: 1999-08-25
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 7
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-09-739-909-7

Query Match 1.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 729 AGTAGCTGGAGTACAGG 746
DB 18 AGTAGCTGGAGTACAGG 1

RESULT 745
US-10-255-434-9
Sequence 9, Application US/10255434

Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 9
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
OTHER INFORMATION: Oligomer Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
US-10-255-434-9

Query Match 1.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 TAGCTGGAGTACAGGCG 748
DB 1 TAGCTGGAGTACAGGCG 18

RESULT 746
US-10-255-434-21/c
Sequence 21, Application US/10255434
Publication No. US20030129626A1
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 21
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
OTHER INFORMATION: Oligomer Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
US-10-255-434-21

Query Match 1.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 TAGCTGGAGTACAGGCG 748
DB 18 TAGCTGGAGTACAGGCG 1

RESULT 747
US-10-731-739-220/c

Sequence 220, Application US/10731739
Publication No. US20040176582A1
GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/10/731,739
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 220
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-10-731-739-220

Query Match 1.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 685 CTGCTGCTCCGCGGTTC 702
|||||
DB 18 CTCTGCTCTCAGGCTTCA 1

RESULT 748
US-10-731-739-438
Sequence 438, Application US/10731739
Publication No. US20040176582A1
GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/10/731,739
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 438
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-10-731-739-438

Query Match 1.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 392 GTGCTGGATTACAGCG 409
|||||
DB 1 GTACTGGATTACAGCG 18

RESULT 749
US-09-263-959-630/C
Sequence 630, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 630:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-630

Query Match 1.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
|||||
DB 19 TTTTATTTTATTTT 2

RESULT 750
US-09-263-959-963
Sequence 963, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 963:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-963

Query Match 1.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 18

RESULT 751
US-09-263-959-1278
Sequence 1278, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 1278:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-1278

Query Match 1.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 719 CAGCTCTGAGTACTG 736
DB 2 CAGCTCTGAGTACTG 19

RESULT 752
US-10-204-254A-41
Sequence 41, Application US/10204254A
Publication No. US20030176649A1
GENERAL INFORMATION:
APPLICANT: VIKKUA, Mikka
TITLE OF INVENTION: Vmw10 gene and its mutations causing disorders with a vascular c
FILE REFERENCE: DECE95.001AB
CURRENT APPLICATION NUMBER: US/10/204,254A
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: PCT/EP01/01760
PRIOR FILING DATE: 2001-02-16
PRIOR APPLICATION NUMBER: 00870022.1
PRIOR FILING DATE: 2000-02-16
PRIOR APPLICATION NUMBER: 60/195,777
PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: 00870320.9
PRIOR FILING DATE: 2000-12-22
NUMBER OF SEQ ID NOS: 153
SOFTWARE: Patentin version 3.1
SEQ ID NO 41
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-204-254A-41

Query Match 1.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1111 CAGGCTGCTCAACTG 1128
DB 2 CAGGCTGCTCAACTG 19

RESULT 753
US-09-898-556A-88/C
Sequence 88, Application US/09898556A
Publication No. US20030087849A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
FILE REFERENCE: RTS-0248
CURRENT APPLICATION NUMBER: US/09/898,556A
CURRENT FILING DATE: 2001-07-03
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 88
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-556A-88

Query Match 1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 728 GAGTAGCTGGACTACG 745
DB 20 GATTAGCTGGACTACG 3

RESULT 754
US-10-222-334-10/C

```
; Sequence 10, Application US/10222334
; Publication No. US20030073116A1
; GENERAL INFORMATION:
; APPLICANT: Ginsburg, David
; APPLICANT: Levy, Galila
; APPLICANT: Tsai, Han-Mou
; TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
; FILE REFERENCE: UM-07288
; CURRENT APPLICATION NUMBER: US/10/222,334
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: 60/312,834
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-222-334-10

Query Match          1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      967 ATCTCGGCTCACTGCAAC 984
Db      18 ATCTCAGCTCACTGCAAC 1

RESULT 755
US-10-006-883A-71/c
; Sequence 71, Application US/10006883A
; Publication No. US20030119767A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOD1 EXPRESSION
; FILE REFERENCE: RTS-0337
; CURRENT APPLICATION NUMBER: US/10/006,883A
; CURRENT FILING DATE: 2001-12-05
; NUMBER OF SEQ ID NOS: 96
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-883A-71

Query Match          1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      1019 CAGCTCCCAAGCAGCTG 1036
Db      18 CTGCCTCCCAAGCAGCTG 1

RESULT 756
US-10-401-194-75/c
; Sequence 75, Application US/10401194
; Publication No. US20030219810A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Barnes, Glenn T.
; APPLICANT: Berlin, John
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
; FILE REFERENCE: MP102-041P1RM
; CURRENT APPLICATION NUMBER: US/10/401,194
; CURRENT FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/368,184
; PRIOR FILING DATE: 2002-03-27
```

```
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-401-194-75

Query Match          1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      1019 CAGCTCCCAAGCAGCTG 1036
Db      19 CTGCCTCCCAAGCAGCTG 2

RESULT 757
US-10-199-199-83
; Sequence 83, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-199-83

Query Match          1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      687 CTGCCTCCCGGGTTCAG 704
Db      2 CTGCCTCCCGGGTTCAG 19

RESULT 758
US-10-199-199-141/c
; Sequence 141, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-199-199-141

Query Match          1.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Cy      687 CTGCCTCCCGGGTTCAG 704
Db      19 CTGCCTCCCGGGTTCAG 2
```

```
RESULT 759
US-10-316-540-24
; Sequence 24, Application US/10316540
; Publication No. US20040126761A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Ravi Jain
; TITLE OF INVENTION: MODULATION OF ALPHA-METHYLACYL-COA RACEMASE EXPRESSION
; FILE REFERENCE: RTS-0471
; CURRENT APPLICATION NUMBER: US/10/316,540
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-540-24

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 20;
Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 184 AGATGAGTTTCTCCATG 201
DB 1 AGCTGGAGTTTCTCCATG 18

RESULT 760
US-10-316-540-101/c
; Sequence 101, Application US/10316540
; Publication No. US20040126761A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Ravi Jain
; TITLE OF INVENTION: MODULATION OF ALPHA-METHYLACYL-COA RACEMASE EXPRESSION
; FILE REFERENCE: RTS-0471
; CURRENT APPLICATION NUMBER: US/10/316,540
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-540-101

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 20;
Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 184 AGATGAGTTTCTCCATG 201
DB 20 AGCTGGAGTTTCTCCATG 3

RESULT 761
US-10-671-395-1558/c
; Sequence 1558, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
```

```
SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1558
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1558

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 20;
Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 732 AGCTGGACTACAGGCCG 749
DB 20 AGCTGGATTACAGGCCG 3

RESULT 762
US-10-772-542-88/c
; Sequence 88, Application US/10772542
; Publication No. US20040142898A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
; FILE REFERENCE: RTS-0248
; CURRENT APPLICATION NUMBER: US/10/772,542
; CURRENT FILING DATE: 2004-02-05
; PRIOR APPLICATION NUMBER: US/09/898,556
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-772-542-88

Query Match
Best Local Similarity 1.7%; Score 16.4; DB 1; Length 20;
Pred. No. 6.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 GAGTACTGGGACTACAG 745
DB 20 GATTACTGGGACTACAG 3

RESULT 763
US-09-739-909-4
; Sequence 4, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-4
```

```
Query Match          1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          968 TCTCGGCTCACTGCAG 983
Db          1 TCTCGGCTCACTGCAG 16

RESULT 764
US-09-739-909-5
; Sequence 5, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 5
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-5

Query Match          1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          968 TCTCGGCTCACTGCAG 983
Db          1 TCTCGGCTCACTGCAG 16

RESULT 765
US-09-739-909-6
; Sequence 6, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-6

Query Match          1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          868 GGATTACAGCGCTGAG 883
Db          1 GGATTACAGCGCTGAG 16
```

```
RESULT 766
US-09-739-909-8
; Sequence 8, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-8

Query Match          1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          647 GGCTGAGTGCAGTGG 662
Db          1 GGCTGAGTGCAGTGG 16

RESULT 767
US-09-739-909-11/c
; Sequence 11, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-11

Query Match          1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          647 GGCTGAGTGCAGTGG 662
Db          1 GGCTGAGTGCAGTGG 16

RESULT 768
US-10-092-885-40/c
; Sequence 40, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
```

```
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 40
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-40
```

```
Query Match      1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      667 ATCTTGCTCAGCTGCA 682
DB      16 ATCTTGCTCAGCTGCA 1
```

```
RESULT 769
US-10-092-885-42/c
Sequence 42, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
```

```
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 42
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-42
```

```
Query Match      1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      250 CGGCTTCCCAAGTGC 265
DB      16 CGGCTTCCCAAGTGC 1
```

```
RESULT 770
US-10-092-885-43/c
Sequence 43, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
```

```
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
```

```
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 43
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-43
```

```
Query Match      1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      869 GATTACAGGCGTGAGC 884
DB      16 GATTACAGGCGTGAGC 1
```

```
RESULT 771
US-10-092-885-46/c
Sequence 46, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
```

```
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 46
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-46
```

```
Query Match      1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      381 AGCTCCCAAGTGTCT 396
DB      16 AGCTCCCAAGTGTCT 1
```

```
RESULT 772
US-10-092-885-48/c
Sequence 48, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
```

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APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 48
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-48
```

Query Match 1.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 381 AGCTCCCAAGTCT 396
|||
Db 16 AGCTCCCAAGTCT 1

RESULT 773

US-09-898-779-91/c
; Sequence 91, Application US/09898779
; Patent No. US20020106657A1
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rottler (Inventor)
; APPLICANT: Huiying Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; FILE REFERENCE: 18810-82302
; CURRENT APPLICATION NUMBER: US/09/898,779
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/347,114
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 91
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-898-779-91

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 939 GTTACCAGGCTGAG 954
|||
Db 16 GTTACCAGGCTGAG 1

RESULT 774

US-10-156-306-547
; Sequence 547, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 547
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-547

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.7e+02;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 536 TCCTGCTCAGGCTCC 551
|||
Db 1 UCCUGCUCAGCCTCC 16

RESULT 775
US-10-156-306-573

; Sequence 573, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 573
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-573

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.7e+02;
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 843 CCTGCTCGGCTCC 858
|||
Db 2 CCUGCUCGAGCTCC 17

RESULT 776

US-10-156-306-1654
; Sequence 1654, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1654
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1654

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 5.7e+02;
Matches 14; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 643 CCCAGCTGAGTCA 658
|||
Db 2 CCCAGCTGAGTCA 17

RESULT 777

US-10-156-306-1659
; Sequence 1659, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1659
; LENGTH: 17
; TYPE: RNA

ORGANISM: Homo sapiens
US-10-156-306-1659

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 5.7e+02;
Matches 11; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 668 TCTTGCTCAGTCAAC 683
DB 2 CUCGCGCUCACUGCA 17

RESULT 778
US-10-156-306-1660
Sequence 1660, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1660
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1660

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.7e+02;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 669 CTTGGCTCAGTCAAC 684
DB 1 CUCGCGCUCACUGCA 16

RESULT 779
US-10-156-306-1672
Sequence 1672, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1672
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1672

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.7e+02;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 535 CTCCTGCTCAGCTTC 550
DB 2 CUCGCGCUCACUGCA 17

RESULT 780
US-10-156-306-1677
Sequence 1677, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1677
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1677

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.7e+02;
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 719 CAGCTCTCTGAGTAC 734
DB 2 CAGCGCUCGAGUAGC 17

RESULT 781
US-10-156-306-1702
Sequence 1702, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1702
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1702

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.7e+02;
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1122 CAACTCTGACTCTCA 1137
DB 1 CAAACUCGACCUCA 16

RESULT 782
US-10-156-306-2391
Sequence 2391, Application US/10156306
Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2391
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens

US-10-156-306-2391

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.7e+02;
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 946 AGCGTGAGTGCAATG 961
|||:||||:||||:
DB 1 AGCGTGAGTGCAATG 16

RESULT 783

US-10-156-306-2401
; Sequence 2401, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2401
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2401

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.7e+02;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 722 CCTCTGAGTACTGG 737
|||:||||:||||:
DB 1 CCUCCUGAGUACUG 16

RESULT 784

US-10-156-306-2412
; Sequence 2412, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2412
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2412

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.7e+02;
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1111 CAGGCTGCTCTCAAC 1126
|||:||||:||||:
DB 2 CAGGCTGCTCTCAAC 17

RESULT 785
US-10-156-306-2890
; Sequence 2890, Application US/10156306
; Publication No. US20030119017A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2890
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2890

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 5.7e+02;
Matches 12; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 392 GTGCTGGATTACAG 407
|||:||||:||||:
DB 1 GUCCUGGAGUACAG 16

RESULT 786

US-10-238-700-717
; Sequence 717, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 717
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-717

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 5.7e+02;
Matches 13; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 207 CAGGCTGCTCTCAAC 222
|||:||||:||||:
DB 2 CAGGCTGCTCTCAAC 17

RESULT 787

US-10-339-793-110/C
; Sequence 110, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:

; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 110
; LENGTH: 17

TYPE: DNA
ORGANISM: Homo sapiens
US-10-339-793-110

Query Match 1.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 993 CCCGGGCTCAGCGAT 1008
Db 17 CCCGGGCTCAGCGAT 2

RESULT 788
US-10-251-598-86/c
Sequence 86, Application US/10251598
Publication No. US20030170668A1
GENERAL INFORMATION:
APPLICANT: Delera-Wadleigh, Sevilla D.
Gershon, Elliot S.
Badner, Judith A.
Goldin, Lynn R.
Berrettini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.
Esterling, Lisa B.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic Tests for Manic-Depressive Illness
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/251,598
FILING DATE: 19-Sep-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952
FILING DATE: 19-Apr-1999
APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-Oct-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-Oct-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 015280-297100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 86:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..19
OTHER INFORMATION: D188378 forward primer
SEQUENCE DESCRIPTION: SEQ ID NO: 86:
US-10-251-598-86

Query Match 1.6%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCCTGACCCAGGCT 650
Db 16 CTCCTGACCCAGGCT 1

RESULT 789
US-10-400-382-164/c
Sequence 164, Application US/10400382
Publication No. US20030190659A1
GENERAL INFORMATION:
APPLICANT: Lacasse, Eric
APPLICANT: McManus, Daniel
APPLICANT: Durkin, Jonathan P.
TITLE OF INVENTION: Antisense LAP Nucleobase Oligomers and
FILE REFERENCE: 07891/025004
CURRENT APPLICATION NUMBER: US/10/400,382
CURRENT FILING DATE: 2003-03-27
PRIOR APPLICATION NUMBER: US 60/367,853
PRIOR FILING DATE: 2002-03-27
NUMBER OF SEQ ID NOS: 460
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 164
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: based on Homo sapiens.
OTHER INFORMATION: Each nucleobase may be part of a ribonucleotide,
OTHER INFORMATION: deoxyribonucleotide, or nucleotide analog
FEATURE:
NAME/KEY: misc_feature
LOCATION: 8
OTHER INFORMATION: n = T or U
US-10-400-382-164

Query Match 1.6%; Score 16; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 535 CTCCTGCTCAGCTCC 551
Db 18 CTCCTGCTCAGCTCC 2

RESULT 790
US-09-918-186A-234/c
Sequence 234, Application US/09918186A
Patent No. US20020137708A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric B. Swayze
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0585
CURRENT APPLICATION NUMBER: US/09/918,186A
CURRENT FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 250
SEQ ID NO 234
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-234

Query Match 1.6%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 884 CCACCACGCCGCGCTT 899
DB 20 CCACCACGCCGCGCTT 5

RESULT 791
US-09-877-843-95
Sequence 95, Application US/09877843
Publication No. US20030073622A1
GENERAL INFORMATION:
APPLICANT: Majumder, Kumud
APPLICANT: Spyrek, Kimberly A
APPLICANT: Tchernev, Velizar T
APPLICANT: Colman, Steven D
APPLICANT: Padigaru, Murallidhara
APPLICANT: Zernusen, Bryan
APPLICANT: Gusev, Vladimir
APPLICANT: Burgess, Catherine
APPLICANT: Li, Li
APPLICANT: Malyankar, Uriel M
APPLICANT: Gangoli, Esha
APPLICANT: Stone, David
APPLICANT: MacDougall, John
APPLICANT: Smithson, Glenda
APPLICANT: Eilerman, Karen
TITLE OF INVENTION: No. US20030073622A1 Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-031
CURRENT APPLICATION NUMBER: US/09/877,843
CURRENT FILING DATE: 2001-06-07
PRIOR APPLICATION NUMBER: 60/209,927
PRIOR FILING DATE: 2000-06-07
PRIOR APPLICATION NUMBER: 60/210,091
PRIOR FILING DATE: 2000-06-07
PRIOR APPLICATION NUMBER: 60/209,928
PRIOR FILING DATE: 2000-06-07
PRIOR APPLICATION NUMBER: 60/210,208
PRIOR FILING DATE: 2000-06-08
PRIOR APPLICATION NUMBER: 60/210,425
PRIOR FILING DATE: 2000-06-08
PRIOR APPLICATION NUMBER: 60/214,150
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/214,023
PRIOR FILING DATE: 2000-06-26
PRIOR APPLICATION NUMBER: 60/215,005
PRIOR FILING DATE: 2000-06-29
PRIOR APPLICATION NUMBER: 60/270,060
PRIOR FILING DATE: 2001-02-20
PRIOR APPLICATION NUMBER: 60/271,623
PRIOR FILING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 60/278,915
PRIOR FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 97
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 95
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Ag1207 PCR
US-09-877-843-95

Query Match 1.6%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
OY 473 GGATGAAGTGCAGTGG 488
DB 3 GGATGAAGTGCAGTGG 18

RESULT 792
US-10-181-316-234/C
Sequence 234, Application US/10181316
Publication No. US20030211607A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric B. Swayze
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0650
CURRENT APPLICATION NUMBER: US/10/181,316
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02939
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 234
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-234

Query Match 1.6%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 884 CCACCACGCCGCGCTT 899
DB 20 CCACCACGCCGCGCTT 5

RESULT 793
US-10-181-174B-51/C
Sequence 51, Application US/10181174B
Publication No. US20040132674A1
GENERAL INFORMATION:
APPLICANT: RESKE-KUNZ, A.B.
APPLICANT: ROSS, XIROLAN
APPLICANT: ROSS, RALF
APPLICANT: BROS, MATTHIAS
TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN
TITLE OF INVENTION: DENDRITIC CELLS AND USES THEREOF
FILE REFERENCE: VOS-38
CURRENT APPLICATION NUMBER: US/10/181,174B
CURRENT FILING DATE: 2002-07-12
PRIOR APPLICATION NUMBER: P 100 01 169.1
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: P 100 10 188.7
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 51
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
primer

US-10-181-174B-51

Query Match
Best Local Similarity 1.6%; Score 16; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 967 ATCTGGCTCATCTGCA 982
DB 17 ATCTGGCTCATCTGCA 2

RESULT 794

US-10-035-833A-2293/C
; Sequence 2293, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2293
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-2293

Query Match
Best Local Similarity 1.6%; Score 16; DB 1; Length 41;
Matches 22; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY 619 TGAGACAGAGTCTCACTCTGTCAACCCAGGCTGG 652
DB 35 TGAGCCAAAGATCTCCACACTGCAGTCCAGCCTGG 2

RESULT 795
US-09-917-138-1
; Sequence 1, Application US/09917138
; Patent No. US20020031776A1
; GENERAL INFORMATION:
; APPLICANT: TULLIS, Richard
; APPLICANT: STEIFEL, Jerome
; TITLE OF INVENTION: ENZYMATIC LABELLING AND DETECTION OF DNA
; FILE REFERENCE: 24730-2207B
; CURRENT APPLICATION NUMBER: US/09/917,138
; CURRENT FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 09/580,358
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 60/136,545
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: Biotinylation at the 5' end
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: Combined DNA/RNA
US-09-917-138-1

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 19

RESULT 796

US-09-918-686-92/C
; Sequence 92, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Proll, Sean
; APPLICANT: Paepfer, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083,515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-92

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 CCACACCCCGCAATTTT 1074
DB 19 CCACACCCCGCAATTTT 1

RESULT 797
US-09-901-484A-515
; Sequence 515, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature

```
; LOCATION: (1)..(19)
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-901-484A-515

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 19

RESULT 798
US-09-853-526-515
; Sequence 515, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilyu, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPICP
; CURRENT APPLICATION NUMBER: US/09/853,526
; PRIOR FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..15
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-853-526-515

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 19

RESULT 799
US-09-881-012-229/C
; Sequence 229, Application US/09881012
; Publication No. US20020192655A1
; GENERAL INFORMATION:
; APPLICANT: Gims, Edward I.
; APPLICANT: Egeland, Janice A.
; APPLICANT: Paul, Steven M.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: Susceptibility and Resistance Genes for
; TITLE OF INVENTION: Bipolar Affective Disorder
; FILE REFERENCE: 015280-248110US
; CURRENT APPLICATION NUMBER: US/09/881,012
; PRIOR FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US/09/175,158
; PRIOR FILING DATE: 1998-10-19
```

```
; PRIOR APPLICATION NUMBER: US 60/062,924
; PRIOR FILING DATE: 1997-10-20
; NUMBER OF SEQ ID NOS: 240
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 229
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: UT1585 primer
US-09-881-012-229

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      640 TCACCCAGGCTGCGATGCA 658
DB      19 TCACCCAGGCTGCGATGCA 1

RESULT 800
US-09-970-971A-15
; Sequence 15, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational G
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; PRIOR FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1el Sequence
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-15

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 19

RESULT 801
US-09-970-971A-16
; Sequence 16, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational G
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
```

```

; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1 Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-16
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 6.5e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

```

RESULT 802
US-09-970-971A-26
; Sequence 26, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkataraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational C
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1 Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-09-970-971A-26
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

```

RESULT 803
US-09-306-333A-9
; Sequence 9, Application US/09306333A
; Publication No. US20030152918A1
; GENERAL INFORMATION:
; APPLICANT: Academy of Applied Science
; TITLE OF INVENTION: BRCA1 and hMLH1 Gene Primer Sequences and Method for
; TITLE OF INVENTION: Testing
; FILE REFERENCE: BRCA1
```

```

; CURRENT APPLICATION NUMBER: US/09/306,333A
; CURRENT FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: PCT/IB00/01607
; PRIOR FILING DATE: 2000-11-06
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-306-333A-9
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      433 TTTTATTTTATTTT 451
Db      1 TTTTATTTTATTTT 19
```

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RESULT 804
US-10-208-357-25/c
; Sequence 25, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurtz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-25
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      427 TTTTATTTTATTTT 445
Db      19 TTTTATTTTATTTT 1
```

```

RESULT 805
US-10-123-597-1
; Sequence 1, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
```

```
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (15)..(18)
;   OTHER INFORMATION: 5-methyl-2'-aminooxyethoxy
US-10-123-597-1

Query Match
Best Local Similarity 89.5%; DB 1; Length 19;
Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 806
US-10-123-597-2
; Sequence 2, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (15)..(18)
;   OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-2

Query Match
Best Local Similarity 89.5%; DB 1; Length 19;
Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 807
US-10-123-597-3
; Sequence 3, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
```

```
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (15)..(18)
;   OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3

Query Match
Best Local Similarity 89.5%; DB 1; Length 19;
Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 808
US-10-123-597-4
; Sequence 4, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (16)..(19)
;   OTHER INFORMATION: 5-methyl-2'-dimethylaminooxyethoxy
US-10-123-597-4

Query Match
Best Local Similarity 89.5%; DB 1; Length 19;
Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 19

RESULT 809
US-10-123-597-5
; Sequence 5, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
```

```
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTATTATTATT 445
          ||||| ||||| ||||| |||||
Db      1 TTTTATTATTATTATT 19

RESULT 810
US-10-123-597-6
; Sequence 6, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTATTATTATT 445
          ||||| ||||| ||||| |||||
Db      1 TTTTATTATTATTATT 19

RESULT 811
US-10-123-597-7
; Sequence 7, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-7

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTATTATTATT 445
          ||||| ||||| ||||| |||||
Db      1 TTTTATTATTATTATT 19

RESULT 812
US-10-123-597-8
; Sequence 8, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTATTATTATT 445
          ||||| ||||| ||||| |||||
Db      1 TTTTATTATTATTATT 19

RESULT 813
US-10-123-597-12
; Sequence 12, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-7

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTATTATTATT 445
          ||||| ||||| ||||| |||||
Db      1 TTTTATTATTATTATT 19

RESULT 812
US-10-123-597-8
; Sequence 8, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTATTATTATT 445
          ||||| ||||| ||||| |||||
Db      1 TTTTATTATTATTATT 19

RESULT 813
US-10-123-597-12
; Sequence 12, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-12
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

```

RESULT 814
US-10-123-597-14
; Sequence 14, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-14
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

RESULT 815
US-10-123-597-15

```

; Sequence 15, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-15
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

```

RESULT 816
US-10-123-597-25
; Sequence 25, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylaminoxyethoxy
US-10-123-597-25
```

```

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19
```

```
RESULT 817
US-10-100-321-24/c
; Sequence 24, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; FILE REFERENCE: 49269200500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-100-321-24

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
Db      19 TTTTATTTTATTTT 1

RESULT 818
US-10-232-881-1
; Sequence 1, Application US/10232881
; Publication No. US2003008088A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulinga
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
; FILE REFERENCE: 181S3380
; CURRENT APPLICATION NUMBER: US/10/232,881
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US/09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: No. US2003008088A1 Sequence
US-10-232-881-1

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 819
```

```
US-10-247-893-3
; Sequence 3, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkataran
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 181S-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: T*=2'-O-[(2-(guanidinium)ethyl)]
US-10-247-893-3

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 820
US-10-247-893-7
; Sequence 7, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkataran
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: 181S-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[(2-(guanidinium)ethyl)]
US-10-247-893-7

Query Match      1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 427 TTTTATTTTATTTT 445
| | | | | | | | | |
Db 1 TTTTATTTTATTTT 19

RESULT 821
US-10-247-893-13
; Sequence 13, Application US/10247893
; Publication No. US2003092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-13

Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
| | | | | | | | | |
Db 1 TTTTATTTTATTTT 19

RESULT 822
US-10-098-816-15
; Sequence 15, Application US/10098816
; Publication No. US2003010531A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
US-10-098-816-15

Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 6.5e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
| | | | | | | | | |
Db 1 TTTTATTTTATTTT 19

RESULT 824
US-10-098-816-17
; Sequence 17, Application US/10098816
; Publication No. US2003010531A1

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-10-098-816-15

Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
| | | | | | | | | |
Db 1 TTTTATTTTATTTT 19

RESULT 823
US-10-098-816-16
; Sequence 16, Application US/10098816
; Publication No. US2003010531A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE linkage
US-10-098-816-16

Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 6.5e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTTATTTT 445
| | | | | | | | | |
Db 1 TTTTATTTTATTTT 19

RESULT 824
US-10-098-816-17
; Sequence 17, Application US/10098816
; Publication No. US2003010531A1

```

; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Conformational Geometry
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-10-098-816-17

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTATTTT 445
Db      1 TTTTATTATTTT 19

RESULT 825
US-10-098-816-18
; Sequence 18, Application US/10098816
; Publication No. US20030105311A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Conformational Geometry
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
```

```

; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2' - O-MOE
US-10-098-816-18

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 6.5e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy      427 TTTTATTATTTT 445
Db      1 TTTTATTATTTT 19

RESULT 826
US-10-098-816-26
; Sequence 26, Application US/10098816
; Publication No. US20030105311A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; TITLE OF INVENTION: Conformational Geometry
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-modified T linkage
US-10-098-816-26

Query Match          1.6%; Score 15.8; DB 1; Length 19;
```

Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTATTTT 445
|||||
1 TTTTATTTT 19

RESULT 827
US-10-002-623-770
; Sequence 770, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEPNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 770
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-770

Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 CCACACCCGCTAATTTT 1074
|||||
1 CCACACCCGCTAATTTT 19

RESULT 828
US-10-322-242-1
; Sequence 1, Application US/10322242
; Publication No. US20030139586A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compound
; FILE REFERENCE: ISIS-3312
; CURRENT APPLICATION NUMBER: US/10/322,242
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US/09/349,033
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-10-322-242-1

Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTATTTT 445
|||||
1 TTTTATTTT 19

RESULT 829
US-10-353-150-92/c
; Sequence 92, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Prohl, Sean
; APPLICANT: Paepet, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 92
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-353-150-92

Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 CCACACCCGCTAATTTT 1074
|||||
19 CCACACCCGCTAATTTT 1

RESULT 830
US-10-371-600-14/c
; Sequence 14, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-14

Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 427 TTTTATTTATTTT 445
|||||
19 TTTTATTTT 1

RESULT 831
US-10-331-907-157/c
; Sequence 157, Application US/10331907
; Publication No. US20030181660A1

GENERAL INFORMATION:
APPLICANT: Todd, John A
Hess, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. US2003018160A1el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSER: Nixon and Vanderhye
STREET: 1100 No. US2003018160A1ch Giebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/331.907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402.923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-Apr-1998
APPLICATION NUMBER: US 60/043.553
FILING DATE: 15-Apr-1997
APPLICATION NUMBER: US 60/048.740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4100
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 157:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 157:
US-10-331-907-157
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 993 CCGGCGCTCAAGCATTTCT 1011
DB 19 CCGGCGCTCAAGCATTTCT 1
RESULT 832
US-10-331-907-242/c
Sequence 242, Application US/10331907
Publication No. US2003018160A1
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hess, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly

Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. US2003018160A1el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSER: Nixon and Vanderhye
STREET: 1100 No. US2003018160A1ch Giebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/331.907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402.923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-Apr-1998
APPLICATION NUMBER: US 60/043.553
FILING DATE: 15-Apr-1997
APPLICATION NUMBER: US 60/048.740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J. Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4100
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 242:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 242:
US-10-331-907-242
Query Match 1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 751 CACCAGCGCTAGCTAATTT 769
DB 19 CACCAGCGCTAGCTAATTT 1
RESULT 833
US-10-091-281-242/c
Sequence 242, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: ST, ERWIN
APPLICANT: MORISSETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091.281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SEQ ID NO 242
SOFTWARE: Patent Ver. 2.1
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens

```
FEATURE:
OTHER INFORMATION: Putative TANT/TANTIGEN.01 motif
US-10-091-281-242

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 370 CCACCTGCTCCTCAGCTCC 388
DB 19 CCACCTGCTCCTCAGCTCC 1

RESULT 834
US-10-170-172-16
Sequence 16, Application US/10170172
Publication No. US20030190632A1
GENERAL INFORMATION:
APPLICANT: SOSNOMSKI, RONALD G
APPLICANT: BUTLER, WILLIAM F
APPLICANT: TU, EUGENE
APPLICANT: NERENBERG, MICHAEL I
APPLICANT: HELLER, MICHAEL J
APPLICANT: EWMAN, CARL F
TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC
TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,
TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL
FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
CURRENT FILING DATE: 2002-06-11
PRIOR APPLICATION NUMBER: US/08/986,065
PRIOR FILING DATE: 1997-12-05
NUMBER OF SEQ ID NOS: 55
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 16
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Amino
OTHER INFORMATION: conjugate to provide reactivity with dyes
US-10-170-172-16

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTATTTT 445
DB 1 TTTTATTTATTTATTTT 19

RESULT 835
US-10-331-109-33
Sequence 33, Application US/10311109
Publication No. US20030215891A1
GENERAL INFORMATION:
APPLICANT: Bickel, et al.
TITLE OF INVENTION: Method for the qualitative and/or quantitative detection of molec
FILE REFERENCE: 12671/1
CURRENT APPLICATION NUMBER: US/10/331,109
CURRENT FILING DATE: 2002-12-27
PRIOR APPLICATION NUMBER: PCT/EP01/07575
PRIOR FILING DATE: 2001-07-02
PRIOR APPLICATION NUMBER: DE 100 33 334.6
PRIOR FILING DATE: 2000-07-01
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 33
LENGTH: 19
TYPE: DNA

ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Description of the artificial sequence:
OTHER INFORMATION: Oligonucleotide probe
US-10-331-109-33

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTATTTT 445
DB 1 TTTTATTTATTTATTTT 19

RESULT 836
US-10-359-328-5
Sequence 5, Application US/10359328
Publication No. US20040009938A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-5140
CURRENT APPLICATION NUMBER: US/10/359,328
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic construct
NAME/KEY: misc_feature
LOCATION: (16)..(19)
OTHER INFORMATION: 2'-modified T
US-10-359-328-5

Query Match
Best Local Similarity 1.6%; Score 15.8; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 427 TTTTATTTATTTATTTT 445
DB 1 TTTTATTTATTTATTTT 19

RESULT 837
US-10-359-328-26
Sequence 26, Application US/10359328
Publication No. US20040009938A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Cook, Phillip Dan
TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
FILE REFERENCE: ISIS-5140
CURRENT APPLICATION NUMBER: US/10/359,328
CURRENT FILING DATE: 2003-02-06
PRIOR APPLICATION NUMBER: US 09/370,625
PRIOR FILING DATE: 1999-08-06
PRIOR APPLICATION NUMBER: US 09/130,566
PRIOR FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 32
SOFTWARE: PatentIn version 3.2
SEQ ID NO 26
LENGTH: 19
TYPE: DNA
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```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-[2'-2'-N,N-dimethylaminoethyl]oxyethyl]-5-methyl urid
US-10-359-328-26

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 838
US-10-457-839-29/c
; Sequence 29, Application US/10457839
; Publication No. US2004001415A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brant C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pines, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; CURRENT FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-29

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      671 TGGCTCACTGCACTCTG 689
Db      19 TGGCTCACTGAACTCTG 1

RESULT 839
US-10-236-417-244/c
; Sequence 244, Application US/10236417
; Publication No. US20040048256A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442C
; CURRENT APPLICATION NUMBER: US/10/236,417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663

; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO 244
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-236-417-244

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      653 AGTCACTGGCGCAATCTT 671
Db      19 AGTCACTGGCGCAATCTT 1

RESULT 840
US-10-387-346B-154
; Sequence 154, Application US/10387346B
; Publication No. US20040117869A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongmei
; TITLE OF INVENTION: Cloning of Cytochrome P450 Genes from
; FILE REFERENCE: 78623
; CURRENT APPLICATION NUMBER: US/10/387,346B
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: 10/293,252
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 10/340,861
; PRIOR FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: PasteSeq for Windows Version 3.0
; SEQ ID NO 154
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-387-346B-154

Query Match          1.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      427 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 19

RESULT 841
US-10-035-833A-3699/c
; Sequence 3699, Application US/10035833A
; Publication No. US20040072156A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuhio
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3699
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-035-833A-3699

Query Match          1.6%; Score 15.6; DB 1; Length 41;
Best Local Similarity 61.8%; Pred. No. 9.5e+02;
Matches 21; Conservative 2; Mismatches 11; Indels 0; Gaps 0;

QY      619 TGAGACGAGCTCTCAACTGTGTCACCGAGCTGG 652
Db      35 TGAGCCAAAGATCTCCCAATGAGTCCAGCTCG 2

RESULT 842
US-10-156-306-544
; Sequence 544, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 544
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-544

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      701 CAAGTATTCTCTGCC 717
Db      1 CAAGUGAUCUCUCCGCC 17

RESULT 843
US-10-156-306-548
; Sequence 548, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 548
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      937 CTGTACCGAGGCTGGA 953
Db      1 CTGUGCCCAAGCTUGGA 17

RESULT 846
US-10-156-306-1653
; Sequence 1653, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1652
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-1652

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      937 CTGTACCGAGGCTGGA 953
Db      1 CTGUGCCCAAGCTUGGA 17

RESULT 845
US-10-156-306-1652
; Sequence 1652, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1652
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-1652

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      936 TCTGTACCGAGGCTGG 952
Db      1 CTGUGCCCAAGCTUGG 17

RESULT 844
US-10-156-306-1651
; Sequence 1651, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1651
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-1651

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      717 CCCAGCTCTGAGTAG 733
Db      1 CUCAGCCUCCUGAGUG 17

RESULT 844
US-10-156-306-1651
; Sequence 1651, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1651
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-1651

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      717 CCCAGCTCTGAGTAG 733
Db      1 CUCAGCCUCCUGAGUG 17
```

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1653
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1653

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      938 TGTACCAGGCTGAG 954
      ::::|||||:|||||
Db      1 UGUUGCCAGGCTUGAG 17

RESULT 847
US-10-156-306-1661
; Sequence 1661, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1661
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1661

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      671 TGCTCACTGCACCTC 687
      :|||||:|||||
Db      1 UGGCUCACUGCACTUC 17

RESULT 848
US-10-156-306-1662
; Sequence 1662, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1662
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1662
```

```
Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      674 CTCACGCACTGCTGC 690
      ||:|||||:|:|
Db      1 CUCACUCGACCTUCG 17

RESULT 849
US-10-156-306-1663
; Sequence 1663, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1663
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1663

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      677 ACTGCACCTGCTGCTC 693
      ||:|||||:|:|
Db      1 ACTGCACCTGCTGCTC 17

RESULT 850
US-10-156-306-1671
; Sequence 1671, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1671
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1671

Query Match          1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY      1006 GATTCCTCTGCTCAGC 1022
      ||:|||||:|:|
Db      1 GAUUCCTCTGCTCAGC 17

RESULT 851
US-10-156-306-1674
; Sequence 1674, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
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; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1674
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1674

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 712 CCTGCCCGAGCTCTCTG 728
DB 1 CCTGCCCGAGCTCTCTG 17

RESULT 852
US-10-156-306-1675
; Sequence 1675, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1675
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1675

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 715 GCCCGAGCTCTCTGAGT 731
DB 1 GCCCGAGCTCTCTGAGT 17

RESULT 853
US-10-156-306-1676
; Sequence 1676, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1676
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1676
```

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Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 716 CCCGAGCTCTCTGAGTA 732
DB 1 CCCGAGCTCTCTGAGTA 17

RESULT 854
US-10-156-306-1695
; Sequence 1695, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1695
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1695

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 199 ATGTGTCAGGCTGTGT 215
DB 1 ATGTGTCAGGCTGTGT 17

RESULT 855
US-10-156-306-1696
; Sequence 1696, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1696
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1696

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 200 TGTGTGTCAGGCTGTGC 216
DB 1 TGTGTGTCAGGCTGTGC 17

RESULT 856
US-10-156-306-1710
; Sequence 1710, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
```

APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1710
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1710

Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 370 CCACCTGCTCAGCTC 386
DB 1 CCACCTGCTCAGCTC 17

RESULT 857
US-10-156-306-1711
Sequence 1711, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1711
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-1711

Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 371 CACCTGCTCAGCTCC 387
DB 1 CACCTGCTCAGCTCC 17

RESULT 858
US-10-156-306-2390
Sequence 2390, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2390
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-2390

Query Match 1.6%; Score 15.4; DB 1; Length 17;

Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 940 TTACCAGGCTGAGTG 956
DB 1 TTACCAGGCTGAGTG 17

RESULT 859
US-10-156-306-2394
Sequence 2394, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat.
FILE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2394
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-2394

Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 665 CAATCTTGCTCAGTGC 681
DB 1 CAATCTTGCTCAGTGC 17

RESULT 860
US-10-156-306-2395
Sequence 2395, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat.
FILE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2395
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-2395

Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 672 GGCTCACTGCACTCT 688
DB 1 GGCTCACTGCACTCT 17

RESULT 861
US-10-156-306-2398
Sequence 2398, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
US-10-156-306-2398

```
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MEB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2398
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2398

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 10; Conservative 6; Mismatches 1; Indels 0; Gaps 0;

QY 696 GGGTTCAGTATTCTC 712
DB 1 GGGTTCAGTATTCTC 17

RESULT 862
US-10-156-306-2399
; Sequence 2399, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MEB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2399
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2399

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 532 ATCTCTGCTGCTGACC 548
DB 1 AUTCUCCTGCTGCTGACC 17

RESULT 863
US-10-156-306-2400
; Sequence 2400, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MEB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2400
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2400

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 197 CCATGTTGTCAGGCTG 213
DB 1 CCATGTTGTCAGGCTG 17

RESULT 866
US-10-156-306-2411
; Sequence 2411, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MEB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2410
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2410

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 713 CTGCCCCAGCTCTCTGA 729
DB 1 CTGCCCCAGCTCTCTGA 17

RESULT 864
US-10-156-306-2409
; Sequence 2409, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MEB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2409
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2409

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 795 TTCACCATGTTGCTCCAG 811
DB 1 TTCACCATGTTGCTCCAG 17

RESULT 865
US-10-156-306-2410
; Sequence 2410, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MEB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2410
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2410

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 795 TTCACCATGTTGCTCCAG 811
DB 1 TTCACCATGTTGCTCCAG 17
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; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2411
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2411

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy      202 TTGTCAGGCTGTCTC 218
Db      1 UUGGCCAGGCTGUCUC 17

RESULT 867
US-10-156-306-2880
; Sequence 2880, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2880
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2880

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy      675 TCACCTGCACTCTGCC 691
Db      1 UCACUGCACTUCUGCC 17

RESULT 868
US-10-156-306-2881
; Sequence 2881, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2881
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2881

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.2e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy      698 GTTCAAGTATTCCTCCTG 715
Db      1 GUUCAGGAGUUCUCCUC 17

RESULT 869
US-10-156-306-3776
; Sequence 3776, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3776
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3776

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy      939 GTTACCCAGGCTGAGT 955
Db      1 GUUGCCAGGCTUGAGU 17

RESULT 870
US-10-156-306-3783
; Sequence 3783, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3783
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3783

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.2e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy      698 GTTCAAGTATTCCTCCTG 714
Db      1 GUUCAGGAGUUCUCCUC 17

RESULT 871
US-10-156-306-3792
; Sequence 3792, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
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; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2411
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2411

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy      202 TTGTCAGGCTGTCTC 218
Db      1 UUGGCCAGGCTGUCUC 17

RESULT 867
US-10-156-306-2880
; Sequence 2880, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2880
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2880

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy      675 TCACCTGCACTCTGCC 691
Db      1 UCACUGCACTUCUGCC 17

RESULT 868
US-10-156-306-2881
; Sequence 2881, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2881
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2881

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.2e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy      698 GTTCAAGTATTCCTCCTG 715
Db      1 GUUCAGGAGUUCUCCUC 17

RESULT 869
US-10-156-306-3776
; Sequence 3776, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3776
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3776

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy      939 GTTACCCAGGCTGAGT 955
Db      1 GUUGCCAGGCTUGAGU 17

RESULT 870
US-10-156-306-3783
; Sequence 3783, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3783
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3783

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.2e+02;
Matches 9; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

Qy      698 GTTCAAGTATTCCTCCTG 714
Db      1 GUUCAGGAGUUCUCCUC 17

RESULT 871
US-10-156-306-3792
; Sequence 3792, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
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; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3792
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3792

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 201 GTTGTCAGGCTGATCT 217
Db 1 GUUGGCCAGGCTUGGUCU 17

RESULT 872
US-10-156-306-3793
; Sequence 3793, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3793
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3793

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1109 GTCAGGCTGCTCTCAA 1125
Db 1 GCCAGGCTGCTCTCAA 17

RESULT 873
US-10-156-306-3794
; Sequence 3794, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3794
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3794

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1123 AACTCTGACCTCAGG 1139
Db 1 AAACCCGAGCCUACAAG 17

RESULT 874
US-10-238-700-678
; Sequence 678, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-678

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 640 TCACCCAGGCTGAGTG 656
Db 1 UCACCCAGGCTUGAAG 17

RESULT 875
US-10-238-700-679
; Sequence 679, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 679
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-679

Query Match
Best Local Similarity 1.6%; Score 15.4; DB 1; Length 17;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 646 AGGCTGAGTGCAGTGG 662
Db 1 AGGCTGAGTGCAGTGG 17

RESULT 876
US-10-238-700-680
; Sequence 680, Application US/10238700
; Publication No. US20030153521A1
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; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-680

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Oy      648 GCTGAGTGACGTGCG 664
Db      1 GCUGAAGCAGUGGCG 17

RESULT 877
US-10-238-700-686
; Sequence 686, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 686
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-686

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Oy      969 CTCGGCTCAGTCAACC 985
Db      1 CUCAGCUCACUGCAACC 17

RESULT 878
US-10-238-700-687
; Sequence 687, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
```

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; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 687
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-687

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Oy      498 AGCTACTGACGCTTC 514
Db      1 AGCUCACUGCAACCUUC 17

RESULT 879
US-10-238-700-697
; Sequence 697, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 697
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-697

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 6.2e+02;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Oy      725 CCTGAGTGGTGGACT 741
Db      1 CCUGAGUGACUGGGAU 17

RESULT 880
US-10-238-700-698
; Sequence 698, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 698
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-698
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Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 731 TAGCTGGACTAGGC 747
:|||||:|||||
Db 1 UAGCUGGAGUUAACAGC 17

RESULT 881
US-10-238-700-709
; Sequence 709, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 709
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-709

Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 6.2e+02;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 1067 TAAATTTTGTATTTCA 1083
:|||||:|||||
Db 1 UAAUUUUUGAUUUUUA 17

RESULT 882
US-10-238-700-716
; Sequence 716, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 716
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-716

Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.2e+02;
Matches 11; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 202 TTGCTCAGCTGTCTC 218
:|||||:|||||:|||||
Db 1 UUGCCAGGCGUGGUC 17

RESULT 883
US-10-238-700-718
; Sequence 718, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 718
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-718

Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.2e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 213 GGTCTGCACTCCGAC 229
:|||||:|||||:|||||
Db 1 GGUCUCGACUCUCUAC 17

RESULT 884
US-10-238-700-3276/c
; Sequence 3276, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3276
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3276

Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CCTTGATCTGCTGC 847
:|||||:|||||:|||||
Db 17 CCTTATGATCTGCTGC 1

RESULT 885
US-10-339-782-318/c
; Sequence 318, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A

```

; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 318
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-318

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      224 CCCGACCTCAGATGATC 240
Db      17 CCCGACCTCAGATGATC 1

RESULT 886
US-10-339-782-320/c
; Sequence 320, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 320
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-320

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      479 AGTCAGTGTGTGATC 495
Db      17 AGTCAGTGTGTGATC 1

RESULT 887
US-10-339-782-424/c
; Sequence 424, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 424
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-424

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

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QY      653 AGTCAGTGGCGCATC 669
Db      17 AGTCAGTGGCGCATC 1

RESULT 888
US-10-339-793-16/c
; Sequence 16, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-16

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      479 AGTCAGTGTGTGATC 495
Db      17 AGTCAGTGTGTGATC 1

RESULT 889
US-10-091-281-126
; Sequence 126, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587,338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative HNF1/HNF1.02 motif
US-10-091-281-126

Query Match      1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      589 GGCTAATTTTATTTT 605
Db      1 GGCTAATTTTATTTT 17

RESULT 890
US-10-091-281-130/c
; Sequence 130, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
```

APPLICANT: MORISETTE, JEAN
TITLE OF INVENTION: OPTINEBRIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 130
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative MEF2/RSRRC4.02 motif
US-10-091-281-130

Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 TTTTGTATTTTGTAG 786
DB 17 TTTTATATTTTAGTAG 1

RESULT 891
US-10-282-174-170/c
Sequence 170, Application US/10282174
Publication No. US20030224380A1
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Veliceljevi, Gornul
APPLICANT: Elliott, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph E.
APPLICANT: Bertam, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kristina M.
APPLICANT: Sampson, Andrew Johnson
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
FILE REFERENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: US 60/339,525
PRIOR FILING DATE: 2001-10-25
PRIOR APPLICATION NUMBER: US 60/338,010
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/336,929
PRIOR FILING DATE: 2001-11-08
PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR FILING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/368,919
PRIOR FILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 170
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-282-174-170

Query Match 1.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 646 AGGCTGAGTGCAGTGG 662

DB 17 AGGCTGAGTGCAGTGG 1

RESULT 892
US-09-863-806-142/c
Sequence 142, Application US/09863806
Publication No. US20020197608A1
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:
ADDRESSER: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/863,806
FILING DATE: 22-May-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/038,637
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
ATTORNEY/AGENT INFORMATION:
NAME: Hallie, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 142:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 142:
US-09-863-806-142

Query Match 1.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1120 CTCGAACCTCTGACCTC 1136
DB 18 CTCGAACCTCTGACCTC 2

RESULT 893
US-10-089-887-4/c
Sequence 4, Application US/10089887
Publication No. US20030219740A1
GENERAL INFORMATION:
APPLICANT: Bayer Corporation et al.
TITLE OF INVENTION: DNA Sequences Isolated from Human Colonic Epithelial Cells
FILE REFERENCE: 1657/1020
CURRENT APPLICATION NUMBER: US/10/089,887
CURRENT FILING DATE: 2000-08-08
PRIOR APPLICATION NUMBER: US 60/147,933
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 61
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 18

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-089-887-4

Query Match      1.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      644 CCAGCGCTGAGCTGCACT 660
Db      18 CCAGCGCTGAGCTGCACT 2

RESULT 894
US-10-187-975-133/c
; Sequence 133, Application US/10187975
; Publication No. US20030224982A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh
; APPLICANT: Patuturajan, Meera
; APPLICANT: Ellerman, Karen
; APPLICANT: Gorman, Linda
; APPLICANT: Zhong, Mei
; APPLICANT: Carterton, Elina
; APPLICANT: Spytek, Kimberly
; APPLICANT: Miller, Charles
; APPLICANT: Edinger, Shlomit
; APPLICANT: Hsiao, Tord
; APPLICANT: Hsiao, Valerie
; APPLICANT: Shinkets, Richard
; APPLICANT: Taupier, Raymond J. Jr.
; APPLICANT: Anderson, David
; APPLICANT: Guo, Xiaojia
; APPLICANT: Baumgartner, Jason
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Peyman, John
; APPLICANT: Smithson, Glennnda
; APPLICANT: Caeman, Stacie
; APPLICANT: Voss, Edward
; APPLICANT: Boldog, Ferenc
; APPLICANT: Pena, Carol
; APPLICANT: Chapoval, Andrei
; APPLICANT: Raetelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Vernte, Corine
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING
; TITLE OF INVENTION: SAME, AND METHODS OF USE
; FILE REFERENCE: 21402-397A
; CURRENT APPLICATION NUMBER: US/10/187,975
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 60/305,262
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 60/305,673
; PRIOR FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 60/306,085
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/307,536
; PRIOR FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: 60/308,228
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/308,877
; PRIOR FILING DATE: 2001-07-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 288
```

```
; SOFTWARE: CursSeqdist version 0.1
; SEQ ID NO.133
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-187-975-133

Query Match      1.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      535 CTCCTGCTCAGCTCC 551
Db      17 CTCGAGCTCAGCTCC 1

RESULT 895
US-10-469-277-4
; Sequence 4, Application US/10469277
; Publication No. US2004017096A1
; GENERAL INFORMATION:
; APPLICANT: Yee, Leland
; APPLICANT: Tang, Jiaming
; APPLICANT: Kadiow, Richard A.
; APPLICANT: van Leeuwen, Dirk J.
; TITLE OF INVENTION: CYTOTOXIC T-LYMPHOCYTE ANTIGEN-4 OR INTERLEUKIN-10 POLYMORPHISMS
; FILE REFERENCE: UAB-19302/22
; CURRENT APPLICATION NUMBER: US/10/469,277
; CURRENT FILING DATE: 2003-08-27
; PRIOR APPLICATION NUMBER: PCT/US02/06207
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/271,811
; PRIOR FILING DATE: 2001-02-27
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Antisense primer
US-10-469-277-4

Query Match      1.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      885 CACCAGCGCCGGCTTAT 901
Db      2 CACCAGCGCCGGCTAAT 18

RESULT 896
US-10-010-802-81
; Sequence 81, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isoforms: Polymorphisms in the Interleukin
; TITLE OF INVENTION: 4 Receptor Alpha Gene
; FILE REFERENCE: MMH-0002US2 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
```

;; PRIOR FILING DATE: 2000-07-13
;; NUMBER OF SEQ ID NOS: 413
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 81
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-010-802-81

Query Match 1.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 647 GCGTGGAGTGCAGTG 661
DB 1 GCGTGGAGTGCAGTG 15

RESULT 897
US-10-198-069-40
; Sequence 40, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 40
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-40

Query Match 1.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1029 AGCAGCTGGATTAC 1043
DB 1 AGCAGCTGGATTAC 15

RESULT 898
US-10-091-281-142/c
; Sequence 142, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587,338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 15
; TYPE: DNA

;; ORGANISM: Homo sapiens
;; FEATURE:
;; OTHER INFORMATION: Putative CREB/TAXCREB.01 motif
US-10-091-281-142

Query Match 1.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 874 CAGGCGTGAGCCACC 888
DB 15 CAGGCGTGAGCCACC 1

RESULT 899
US-10-091-281-361/c
; Sequence 361, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587,338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 361
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative CREB/TAXCREB.01 motif
US-10-091-281-361

Query Match 1.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 874 CAGGCGTGAGCCACC 888
DB 15 CAGGCGTGAGCCACC 1

RESULT 900
US-10-255-434-8/c
; Sequence 8, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
US-10-255-434-8

Query Match 1.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 883 GCCACCAAGCCCGGC 897
DB 15 GCCACCAAGCCCGGC 1

RESULT 901
US-10-255-434-20
; Sequence 20, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-20

Query Match 1.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 883 GCCACCAAGCCCGGC 897
DB 2 GCCACCAAGCCCGGC 16

RESULT 902
US-10-092-885-52/C
; Sequence 52, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 52
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-52

Query Match 1.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 673 GCTCAGTCAACCTC 687
DB 16 GCTCAGTCAACCTC 2

RESULT 903
US-09-790-417-252/C
; Sequence 252, Application US/09790417
; Patent No. US20010031470A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Liepke, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790,417
; CURRENT FILING DATE: 2001-02-22
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 252
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
US-09-790-417-252

Query Match 1.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGC 649
DB 15 CTCTGTACCCAGGC 1

RESULT 904
US-09-739-909-2/C
; Sequence 2, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104,0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-2

Query Match 1.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGC 649
DB 15 CTCTGTACCCAGGC 1

RESULT 905
US-10-152-297-88/C
; Sequence 88, Application US/10152297
; Publication No. US20030077621A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W.
; APPLICANT: Lewis, Martin K.
; APPLICANT: Llappe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-104 6868/75529
; CURRENT APPLICATION NUMBER: US/10/152,297
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/09/383,316
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 88
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
; OTHER INFORMATION: human gene
US-10-152-297-88

Query Match 1.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 635 CTCTGTACCCAGGC 649
DB 15 CTCTGTACCCAGGC 1

RESULT 906
US-10-238-700-481/C
; Sequence 481, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471

; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 481
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-481

Query Match 1.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 595 TTTTATTTTATT 609
DB 15 TTTTATTTTATT 1

RESULT 907
US-10-238-700-710
; Sequence 710, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 710
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-710

Query Match 1.5%; Score 15; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 6.5e+02;
Matches 4; Conservative 11; Mismatches 0; Indels 0; Gaps 0;

QY 769 TTTTGTATTATTAG 783
DB 2 UUUUGUUUUUUAG 16

RESULT 908
US-09-757-421-12
; Sequence 12, Application US/09757421
; Patent No. US20020048785A1
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas
; TITLE OF INVENTION: NOVEL POLYPEPTIDES WITHIN
; THE TUMOR NECROSIS FACTOR RECEPTOR SUPERFAMILY AND
; USES THEREFOR
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:

```

; APPLICATION NUMBER: US/09/757,421
; FILING DATE: 10-Jan-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/843,652
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Meikiejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 09404/026001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-757-421-12

```

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Query Match      1.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY      998 GCTCAGCGATTCTC 1012
Db      1 GCTCAGCGATTCTC 15

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RESULT 909
US-09-811-088-21
; Sequence 21, Application US/09811088
; Patent No. US2002016046A1
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: Geating, David P.
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
; TITLE OF INVENTION: PROGNASTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC AND OTHER
; TITLE OF INVENTION: USES
; FILE REFERENCE: 07334-324001
; CURRENT APPLICATION NUMBER: US/09/811,088
; CURRENT FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: US 09/712,726
; PRIOR FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: US 08/820,364
; PRIOR FILING DATE: 1997-03-12
; PRIOR APPLICATION NUMBER: US 09/757,421
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 08/843,652
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: US 08/843,651
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: US 09/354,809
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US 08/938,365
; PRIOR FILING DATE: 1997-09-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide for PCR
US-09-811-088-21

```

```

Query Match      1.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      998 GCTCAGCGATTCTC 1012
Db      1 GCTCAGCGATTCTC 15

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RESULT 910
US-10-314-410-21
; Sequence 21, Application US/10314410
; Publication No. US20030125540A1
; GENERAL INFORMATION:
; APPLICANT: Holtzman, Douglas A.
; APPLICANT: Geating, David P.
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
; TITLE OF INVENTION: PROGNASTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC AND OTHER
; TITLE OF INVENTION: USES
; FILE REFERENCE: 07334-324001
; CURRENT APPLICATION NUMBER: US/10/314,410
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US/09/811,088
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: US 09/712,726
; PRIOR FILING DATE: 2000-11-14
; PRIOR APPLICATION NUMBER: US 08/820,364
; PRIOR FILING DATE: 1997-03-12
; PRIOR APPLICATION NUMBER: US 09/757,421
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 08/843,652
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: US 08/843,651
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: US 09/354,809
; PRIOR FILING DATE: 1999-07-16
; PRIOR APPLICATION NUMBER: US 08/938,365
; PRIOR FILING DATE: 1997-09-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide for PCR
US-10-314-410-21

```

```

Query Match      1.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      998 GCTCAGCGATTCTC 1012
Db      1 GCTCAGCGATTCTC 15

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RESULT 911
US-10-204-254A-51
; Sequence 51, Application US/10204254A
; Publication No. US20030176649A1
; GENERAL INFORMATION:
; APPLICANT: VIKKULA, Mikka
; TITLE OF INVENTION: VEGFOM gene and its mutations causing disorders with a vascular
; FILE REFERENCE: DELC859.001APC
; CURRENT APPLICATION NUMBER: US/10/204,254A
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: PCT/EP01/01760
; PRIOR FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: 00870022.1
; PRIOR FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: 60/195,777
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: 00870320.9
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 153

```

```
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 51
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-204-254A-51

Query Match      1.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      880 TGAGCCACCCAGCCCC 894
Db      1 TGAGCCACCCAGCCCC 15

RESULT 912
US-10-282-174-306/C
; Sequence 306, Application US/10282174
; Publication No. US20030224380A1
; GENERAL INFORMATION:
; APPLICANT: Becker, Kenneth David
; APPLICANT: Velicelceti, Gonul
; APPLICANT: Eliot, Kathryn J.
; APPLICANT: Wang, Xin
; APPLICANT: Tanzi, Rudolph E.
; APPLICANT: Bertam, Lars
; APPLICANT: Saunders, Aleister J.
; APPLICANT: Mullin, Kristina M.
; APPLICANT: Sampson, Andrew Johnson
; APPLICANT: Blacker, Deborah Lynne
; TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
; TITLE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
; FILE REFERENCE: 37481-3308
; CURRENT APPLICATION NUMBER: US/10/282,174
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/339,525
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: US 60/338,010
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/336,929
; PRIOR FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: US 60/338,363
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: US 60/337,052
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 60/368,919
; PRIOR FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 564
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 306
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-282-174-306

Query Match      1.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      730 GTAGCTGGAGCTACA 744
Db      15 GTAGCTGGAGCTACA 1

RESULT 913
US-09-784-423-146/C
; Sequence 146, Application US/09784423
```

```
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffrey W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026,9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 146
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 146
US-09-784-423-146

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      636 TCTGTACCCAGGCTGGA 653
Db      18 TTGTACCCAGGCTGGA 1

RESULT 914
US-09-841-366A-8/C
; Sequence 8, Application US/09841366A
; Patent No. US20020058265A1
; GENERAL INFORMATION:
; APPLICANT: Bacher, Jeffrey W.
; APPLICANT: Planagan, Laura
; APPLICANT: Nassif, Nadine
; TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
; FILE REFERENCE: 16026-9267
; CURRENT APPLICATION NUMBER: US/09/841,366A
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/663,020
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
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```
FEATURE:
; OTHER INFORMATION: MONO-15 primer
US-09-841-366A-8

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      674 CTCACGCGACCTCTGCC 691
DB      18 CTCACGCGACGCTCCGCC 1

RESULT 915
US-09-809-545A-84
; Sequence 84, Application US/09809545A
; Patent No. US20020110804A1
; GENERAL INFORMATION:
; APPLICANT: Stanton, Lawrence W.
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS.017A
; CURRENT APPLICATION NUMBER: US/09/809,545A
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Oligos corresponding to polylinker sequence.
US-09-809-545A-84

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 18

RESULT 916
US-09-888-326-837
; Sequence 837, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 837
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)-(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-837

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      428 TTTTATTTTATTTT 445
DB      1 TTTTATTTTATTTT 18

RESULT 917
US-09-982-262B-4/C
; Sequence 4, Application US/09982262B
; Publication No. US20030077565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Christopher K. Mirabelli
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
; FILE REFERENCE: ISPH-0612
; CURRENT APPLICATION NUMBER: US/09/982,262B
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/659,288
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/128,496
; PRIOR FILING DATE: 1998-08-03
; PRIOR APPLICATION NUMBER: 08/440,740
; PRIOR FILING DATE: 1995-05-12
; PRIOR APPLICATION NUMBER: 08/063,167
; PRIOR FILING DATE: 1993-05-17
; PRIOR APPLICATION NUMBER: 07/969,151
; PRIOR FILING DATE: 1993-02-10
; PRIOR APPLICATION NUMBER: 08/007,997
; PRIOR FILING DATE: 1993-01-21
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-982-262B-4

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      533 TCCCTCCGCTCAGCCTC 550
DB      18 TCCCTCCGCTCAGCCTC 1

RESULT 918
US-09-776-479-913
; Sequence 913, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-913

Query Match      1.5%; Score 14.8; DB 1; Length 18;
```

Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
1 TTTTATTTTATTTT 18

RESULT 919
US-09-776-479-913
; Sequence 913, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-913

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
1 TTTTATTTTATTTT 18

RESULT 920
US-09-776-479-939
; Sequence 939, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
1 TTTTATTTTATTTT 18

Db 1 TTTTATTTTATTTT 18

RESULT 921
US-09-776-479-939
; Sequence 939, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
1 TTTTATTTTATTTT 18

RESULT 922
US-09-370-541-14
; Sequence 14, Application US/09370541
; Publication No. US2003008079A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric
; FILE REFERENCE: ISIS3993
; CURRENT APPLICATION NUMBER: US/09/370,541
; PRIOR FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 09/130,973
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 09/016,520
; EARLIER FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 09/344,260
; EARLIER FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
US-09-370-541-14

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

RESULT 923

US-09-979-275A-7
; Sequence 7, Application US/09979275A
; Publication No. US20040110919A1
; GENERAL INFORMATION:
; APPLICANT: NAGAI, HIROSHI
; APPLICANT: KURODA, KYOKO
; APPLICANT: MAKUJIMA, TERUMI
; TITLE OF INVENTION: NOVEL PROTEINS HAVING HEMOLYTIC ACTIVITY AND GENES
; FILE REFERENCE: 037181.5061US
; CURRENT APPLICATION NUMBER: US/09/979,275A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/JP01/02209
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: JP 2000-78967
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides
US-09-979-275A-7

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

RESULT 924

US-10-125-295-9
; Sequence 9, Application US/10125295
; Publication No. US20020164572A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patsy
; Wallace, Robert Bruce
; Cosman, Jeffrey
; French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; to Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/125,295
; FILING DATE: 17-Apr-2002
; CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
APPLICATION NUMBER: US 08/884,029
FILING DATE: 27-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Parent, Annette S.
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 02558B-059100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod base= OTHER
/note= "at positions 13-18 may be present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-125-295-9

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

RESULT 925

US-10-208-357-24/c
; Sequence 24, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kutz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatscSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-24

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445
Db 18 TTTTATTTTATTTT 1

RESULT 926

```
US-10-112-653-882
; Sequence 882, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 882
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-882

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 18

RESULT 927
US-10-017-995-913
; Sequence 913, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-913

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 18

RESULT 928
US-10-017-995-939
; Sequence 939, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
```

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; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-939

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 18

RESULT 929
US-10-206-613-4
; Sequence 4, Application US/10206613
; Publication No. US20030104432A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Zhidong
; APPLICANT: Jablon, David
; APPLICANT: You, Liang
; APPLICANT: He, Biao
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Methods of Amplifying Long Sense Strand RNA
; FILE REFERENCE: 023070-119510US
; CURRENT APPLICATION NUMBER: US/10/206,613
; CURRENT FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 60/308,190
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo dt-18
US-10-206-613-4

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 18

RESULT 930
US-10-313-739-14
; Sequence 14, Application US/10313739
; Publication No. US20030138948A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Fisk, Gregory
; APPLICANT: Inokuma, Margaret
; TITLE OF INVENTION: Islet Cells from Human Embryonic Stem Cells
; FILE REFERENCE: 132/002
; CURRENT APPLICATION NUMBER: US/10/313,739
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 60/338,885
; PRIOR FILING DATE: 2001-12-07
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.1
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SEQ ID NO 14
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-10-313-739-14

Query Match 1.5% Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 660 TGGCGCATCTGGCTCA 677
Db 1 TGGTGCATCTGGCTCA 18

RESULT 931
US-10-289-845-11
Sequence 11, Application US/10289845
Publication No. US20030170679A1
GENERAL INFORMATION:
APPLICANT: Wood, Linda
APPLICANT: Wagner, Susanne
APPLICANT: Parodi, Luis
TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
FILE REFERENCE: 00791.US1
CURRENT APPLICATION NUMBER: US/10/289,845
CURRENT FILING DATE: 2002-11-07
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 18
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: primer
US-10-289-845-11

Query Match 1.5% Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1051 TGGCAGCAGCCGCTA 1068
Db 1 TGGCAGCAGCCGCTA 18

RESULT 932
US-10-056-479A-15
Sequence 15, Application US/10056479A
Publication No. US20030175678A1
GENERAL INFORMATION:
APPLICANT: Bowen, Benjamin A.
APPLICANT: Deakin, Edward
APPLICANT: Goldsmith, Neil
APPLICANT: Haudenschild, Christian
APPLICANT: Houck, David
APPLICANT: McAlpine, James B.
APPLICANT: Neilsen, Soren
APPLICANT: Pazoles, Christopher
APPLICANT: Spencer, Marget E.
APPLICANT: Staiford, Angela
TITLE OF INVENTION: Methods for Identifying Genes Regulating
FILE REFERENCE: 50273/005002
CURRENT APPLICATION NUMBER: US/10/056,479A
CURRENT FILING DATE: 2003-02-07
PRIOR APPLICATION NUMBER: US 60/263,807
PRIOR FILING DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 15
LENGTH: 18
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-056-479A-15

Query Match 1.5% Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTTTTT 445
Db 1 TTTTATTTTATTTTTTT 18

RESULT 933
US-10-352-704-12
Sequence 12, Application US/10352704
Publication No. US20030176690A1
GENERAL INFORMATION:
APPLICANT: Chacelain, Francois
APPLICANT: Kumarev, Viktor
TITLE OF INVENTION: Process for Preparing Polynucleotides on
a Solid Support and Apparatus Permitting its
Implementation
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C
STATE: D.C
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,704
FILING DATE: 28-Jan-2003
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDBA UR
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-352-704-12

Query Match 1.5% Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 18

RESULT 934

US-10-352-704-18/c
Sequence 18, Application US/10352704
Publication No. US20030176690A1
GENERAL INFORMATION:
APPLICANT: Chatelet, Francois
TITLE OF INVENTION: Process for Preparing Polynucleotides on
a Solid Support and Apparatus Permitting its
Implementation
NUMBER OF SEQUENCES: 31
CORRESPONDENCE ADDRESS:
ADDRESS: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C.
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/352,704
FILING DATE: 28-Jan-2003
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/358,556A
FILING DATE: 14-DEC-1994
APPLICATION NUMBER: FR 9315164
FILING DATE: 16-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202)638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHEetical: NO
ANTI-SENSE: NO
FRAGMENT TYPE: N-terminal
FEATURE:
NAME/KEY: CDS
LOCATION: 1..18
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-352-704-18

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
DB 18 TTTTATTTTATTTT 1

RESULT 935
US-10-314-810-8/c

Sequence 8, Application US/10314810
Publication No. US20030180758A1
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Flanagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSAATELLITE INSTABILITY AND ITS USE IN
FILE REFERENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/10/314,810
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US/09/841,366
PRIOR FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/663,020
PRIOR FILING DATE: 2000-09-15
NUMBER OF SEQ ID NOS: 68
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 8
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MONO-15 primer
US-10-314-810-8

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 674 CTCACGTGCACTCTGCC 691
DB 18 CTCACGTGCACTCTGCC 1

RESULT 936
US-10-075-335-9
Sequence 9, Application US/10075335
Publication No. US20030186237A1
GENERAL INFORMATION:
APPLICANT: Ginsberg, Stephen
APPLICANT: Che, Shaoli
TITLE OF INVENTION: Methods and Compositions of Amplifying RNA
FILE REFERENCE: HO-P02202US2
CURRENT APPLICATION NUMBER: US/10/075,335
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/268,664
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 60/348,242
PRIOR FILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 60/268,645
PRIOR FILING DATE: 2001-02-14
PRIOR APPLICATION NUMBER: 60/344,557
PRIOR FILING DATE: 2001-11-07
PRIOR APPLICATION NUMBER: 60/306,216
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: 60/350,176
PRIOR FILING DATE: 2001-11-09
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin version 3.1
SEQ ID NO 9
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-075-335-9

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTTATTTT 445
DB 18 TTTTATTTTATTTT 1

Db 1 TTTT TTTT TTTT TTTT TTTT 18

RESULT 937

US-10-091-281-117
; Sequence 117, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative MYOF/NP1.01 motif
US-10-091-281-117

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 668 TCTTGCTCAGTGCACACC 685

Db 1 TCTTGCTCAGTGCACACC 18

RESULT 938

US-10-091-281-314/C
; Sequence 314, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 314
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative AHRH/AHR.01 motif
US-10-091-281-314

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 638 TGTCACCAGGCTGAGT 655

Db 18 TGTCACCAGGCTGAGT 1

RESULT 939

US-10-091-281-355
; Sequence 355, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN

; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF

; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 355
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative SRPF/SRF.01 motif
US-10-091-281-355

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 795 TTCACCATGTTCCGACG 812

Db 1 TTCACCATGTTCCGACG 18

RESULT 940

US-10-351-951-123
; Sequence 123, Application US/10351951
; Publication No. US2003020380A1
; GENERAL INFORMATION:
; APPLICANT: Stefansson, Stefan E.
; TITLE OF INVENTION: GENE LINKED TO OSTEOARTHRITIS
; FILE REFERENCE: 2345.2043-004
; CURRENT APPLICATION NUMBER: US/10/351,951
; CURRENT FILING DATE: 2003-01-24
; PRIOR APPLICATION NUMBER: 10/057,312
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 60/431,538
; PRIOR FILING DATE: 2002-12-05
; NUMBER OF SEQ ID NOS: 132
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer that hybridizes to the human MATN3 gene
US-10-351-951-123

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 873 ACAGCGTGAGCCACGAC 890

Db 1 ACAGCGTGAGCCACGAC 18

RESULT 941

US-10-292-088-144
; Sequence 144, Application US/10292088
; Publication No. US2003021100A1
; GENERAL INFORMATION:
; APPLICANT: BEDIAN, VAHE
; APPLICANT: GLADUE, RONALD P.
; APPLICANT: CORVALAN, JOSE
; APPLICANT: JIA, XIAO-CHI
; APPLICANT: FENG, XIAO
; TITLE OF INVENTION: ANTIBODIES TO CD40
; FILE REFERENCE: ABX-PF/3 US
; CURRENT APPLICATION NUMBER: US/10/292,088
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: 60/348,980
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 147

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-292-088-144

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```

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 428 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 18

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RESULT 942
US-10-314-578-913
; Sequence 913, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-913

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Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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QY 428 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 18

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RESULT 943
US-10-314-578-939
; Sequence 939, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Volmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436

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; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-939

```

```

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

QY 428 TTTTATTTTATTTT 445
DB 1 TTTTATTTTATTTT 18

```

```

RESULT 944
US-10-389-155-97
; Sequence 97, Application US/10389155
; Publication No. US20030229208A1
; GENERAL INFORMATION:
; APPLICANT: Queen, Cary L.
; Co, Men Sung
; Schneider, William P.
; Landolfi, Nicholas P.
; Coelingh, Kathleen L.
; Sellick, Harold E.
; TITLE OF INVENTION: Improved Humanized Immunoglobulins
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/389,155
; FILING DATE: 13-Mar-2003
; APPLICATION DATA:
; PRIOR APPLICATION NUMBER: US/09/325,000
; FILING DATE: 01-JUN-1999
; APPLICATION NUMBER: US 07/290,975
; FILING DATE: 28-DEC-1988
; APPLICATION NUMBER: US 07/310,252
; FILING DATE: 13-FEB-1989
; APPLICATION NUMBER: US 07/590,274
; FILING DATE: 28-SEP-1990
; APPLICATION NUMBER: US 07/634,278
; FILING DATE: 19-DEC-1990
; APPLICATION NUMBER: US 08/484,537
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 011823-002650US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 97:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```

TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "T at positions 13-18 may be present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-10-389-155-97

Query Match 1.5%: Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

RESULT 945
US-10-271-602B-84/c
Sequence 84, Application US/10271602B
Publication No. US20040002073A1
GENERAL INFORMATION:
APPLICANT: Alice Xiang Li
APPLICANT: Ghazala Hashmi
APPLICANT: Michael Seul
TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
FILE REFERENCE: EMAP-US
CURRENT APPLICATION NUMBER: US/10/271.602B
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/329,427
PRIOR FILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,620
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/329,428
PRIOR FILING DATE: 2001-10-14
PRIOR APPLICATION NUMBER: 60/329,619
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/364,416
PRIOR FILING DATE: 2002-03-14
NUMBER OF SEQ ID NOS: 212
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 84
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-84

Query Match 1.5%: Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445
Db 18 TTTTATTTTATTTT 1

RESULT 946
US-10-334-143-204
Sequence 204, Application US/10334143
Publication No. US20040009549A1
GENERAL INFORMATION:
APPLICANT: GRIGORIEV, IGOR VYACHESLAVOVICH
APPLICANT: SUDARSANAM, SUCHA
TITLE OF INVENTION: METHOD FOR DETECTING REMOTE HOMOLOGUES AND NOVEL
TITLE OF INVENTION: KINASES IDENTIFIED WITH THE METHOD
FILE REFERENCE: 038602/1543
CURRENT APPLICATION NUMBER: US/10/334.143

CURRENT FILING DATE: 2002-12-31
PRIOR APPLICATION NUMBER: 60/343,169
PRIOR FILING DATE: 2001-12-31
NUMBER OF SEQ ID NOS: 207
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 204
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
OTHER INFORMATION: this sequence may encompass 12-18 nucleotides in length
US-10-334-143-204

Query Match 1.5%: Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

RESULT 947
US-10-454-663-4/c
Sequence 4, Application US/10454663
Publication No. US2004003977A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Christopher K. Mirabelli
TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION OF CELL ADHESION
FILE REFERENCE: ISPH-0744
CURRENT APPLICATION NUMBER: US/10/454,663
CURRENT FILING DATE: 2003-06-04
PRIOR APPLICATION NUMBER: 09/982,262
PRIOR FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/659,288
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: 09/128,496
PRIOR FILING DATE: 1998-08-03
PRIOR APPLICATION NUMBER: 08/440,740
PRIOR FILING DATE: 1995-05-12
PRIOR APPLICATION NUMBER: 08/063,167
PRIOR FILING DATE: 1993-05-17
PRIOR APPLICATION NUMBER: 07/969,151
PRIOR FILING DATE: 1993-02-10
PRIOR APPLICATION NUMBER: 08/007,997
PRIOR FILING DATE: 1993-01-21
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 4
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-454-663-4

Query Match 1.5%: Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 533 TCCTCCGCTGCTGCTC 550
Db 18 TCCTCCGCTGCTGCTC 1

RESULT 948
US-10-389-417-97
Sequence 97, Application US/10389417
Publication No. US20040049014A1
GENERAL INFORMATION:

APPLICANT: Queen, Cary L.
Co, Man Sung
Schneider, William P.
Landolfi, Nicholas F.
Coeligh, Kathleen L.
Selick, Harold E.
TITLE OF INVENTION: Improved Humanized Immunoglobulins
NUMBER OF SEQUENCES: 100
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/389,417
FILING DATE: 13-Mar-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/325,000
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 97:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod base= OTHER
/note= "T at positions 13-18 may be
present or absent"
SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-10-389-417-97
Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

RESULT 949
US-10-653-416-26
Sequence 26, Application US/10653416
Publication No. US20040110201A1

GENERAL INFORMATION:
APPLICANT: RASHTCHIAN, AYOB
APPLICANT: SCHUSTER, DAVID M.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
FILE REFERENCE: 38266-0011
CURRENT APPLICATION NUMBER: US/10/653,416
CURRENT FILING DATE: 2003-09-03
PRIOR APPLICATION NUMBER: 60/407,248
PRIOR FILING DATE: 2002-09-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 26
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
FEATURE:
OTHER INFORMATION: oligonucleotide
OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according
US-10-653-416-26
Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

RESULT 950
US-10-785-744-15
Sequence 15, Application US/10785744
Publication No. US20040133941A1
GENERAL INFORMATION:
APPLICANT: Bowen, Benjamin A.
APPLICANT: Deakin, Edward
APPLICANT: Goldsmith, Neil
APPLICANT: Haudenschild, Christian
APPLICANT: Houck, David
APPLICANT: McAlpine, James B.
APPLICANT: Neilsen, Soren
APPLICANT: Pazoles, Christopher
APPLICANT: Spencer, Margel E.
APPLICANT: Stafford, Angela
TITLE OF INVENTION: Methods for Identifying Genes Regulating
FILE REFERENCE: 50273/005002
CURRENT APPLICATION NUMBER: US/10/785,744
CURRENT FILING DATE: 2004-02-23
PRIOR APPLICATION NUMBER: US/10/056,479
PRIOR FILING DATE: 2003-02-07
PRIOR APPLICATION NUMBER: US 60/263,807
PRIOR FILING DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 15
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-785-744-15

Query Match 1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 428 TTTTATTTTATTTT 445
Db 1 TTTTATTTTATTTT 18

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RESULT 951
US-10-735-592-1
; Sequence 1, Application US/10735592
; Publication No. US2004017571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-1

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      428 TTTTATTTTATTTT 445
Db      1 TTTTATTTTATTTT 18

RESULT 952
US-10-473-368-10/c
; Sequence 10, Application US/10473368
; Publication No. US20040175706A1
; GENERAL INFORMATION:
; APPLICANT: SHIOZAWA, Shunichi
; APPLICANT: KOMAI, Koichi
; APPLICANT: YAGI, Hirofumi
; APPLICANT: MATSURA, Nao
; TITLE OF INVENTION: Genomic DNAs involved in participating in rheumatoid arthritis,
; TITLE OF INVENTION: a method of diagnosing or judging onset risk of the same,
; FILE REFERENCE: 2003-1388A/WMC/00653
; CURRENT APPLICATION NUMBER: US/10/473,368
; CURRENT FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: JP2001-102006
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthesized oligonucleotide
US-10-473-368-10

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      870 ATTACAGCGTGAGCCAC 887
Db      18 ATTACAGCAGTCCGCCAC 1

RESULT 953
US-10-628-525-30/c
; Sequence 30, Application US/10628525
; Publication No. US2004018511A1
; GENERAL INFORMATION:
```

```
APPLICANT: Keeling, Peter
; TITLE OF INVENTION: Starch Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle
; CITY: Boulder
; STATE: CO
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/628,525
; FILING DATE: 28-Jul-2003
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445
; FILING DATE: 30-SEP-1997
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: Not Relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-10-628-525-30

Query Match      1.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 7.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      428 TTTTATTTTATTTT 445
Db      18 TTTTATTTTATTTT 1

RESULT 954
US-10-453-827-60
; Sequence 60, Application US/10453827
; Publication No. US20040033582A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 60
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-60

Query Match      1.5%; Score 14.6; DB 1; Length 41;
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Best Local Similarity 62.2%; Pred. No. 1e+03;
Matches 23; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGAGATTACAGCGCTGCAGCCGTCCTG 424
DB 4 CAGTGAGCTGAGATCGACACACTGCACCTCCAGCCTG 40

RESULT 955

US-10-453-827-59
Sequence 59, Application US/10453827
Publication No. US20040033582A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS

FILE REFERENCE: D0211 NP

CURRENT APPLICATION NUMBER: US/10/453,827

CURRENT FILING DATE: 2003-06-03

PRIOR APPLICATION NUMBER: U.S. 60/384,980

PRIOR FILING DATE: 2002-06-03

NUMBER OF SEQ ID NOS: 1219

SOFTWARE: PatentIn version 3.2

SEQ ID NO 59

LENGTH: 41

TYPE: DNA

ORGANISM: Homo sapiens

US-10-453-827-59

Query Match

Best Local Similarity 62.2%; Pred. No. 1e+03;

Matches 23; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 388 CAAAGTCTGGAGATTACAGCGCTGCAGCCGTCCTG 424

DB 5 CAGTGAGCTGAGATCGACACACTGCACCTCCAGCCTG 41

RESULT 956

US-09-263-959-472/c
Sequence 472, Application US/09263959
Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Kowen, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTIL

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSER: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McMaister, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 472:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

Query Match
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 430 TTATTTTATTTT 445
DB 16 TTATTTTATTTT 1

RESULT 957

US-10-255-434-5/c
Sequence 5, Application US/10255434
Publication No. US20030129626A1

GENERAL INFORMATION:

APPLICANT: Nielsen, Kirsten V.

APPLICANT: Hyldig-Nielsen, Jens J.

TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The

TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly

TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid

FILE REFERENCE: BP0101-US

CURRENT APPLICATION NUMBER: US/10/255,434

CURRENT FILING DATE: 2002-09-24

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 5

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic

OTHER INFORMATION: Oligomer Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe

OTHER INFORMATION: Sequence

US-10-255-434-5

Query Match

Best Local Similarity 93.8%; Pred. No. 6.7e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 843 CCTGCTCGGCGCTCC 858

DB 16 CCGGCTCGGCTCC 1

RESULT 958

US-10-255-434-17
Sequence 17, Application US/10255434
Publication No. US20030129626A1

GENERAL INFORMATION:

APPLICANT: Nielsen, Kirsten V.

APPLICANT: Hyldig-Nielsen, Jens J.

TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The

TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly

TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid

FILE REFERENCE: BP0101-US

CURRENT APPLICATION NUMBER: US/10/255,434

CURRENT FILING DATE: 2002-09-24

NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 17

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic

OTHER INFORMATION: Oligomer Sequence
FEATURE: Description of Artificial Sequence: Synthetic Probe
OTHER INFORMATION: Sequence
US-10-255-434-17

Query Match 1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 843 CCTGCTCGGCTCC 858
Db 1 CCGCTCGGCTCC 16

RESULT 959
US-10-091-281-125/c
Sequence 125, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERMIN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 125
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative MEF2/HMEF2.01 motif
US-10-091-281-125

Query Match 1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 588 TGGCTAATTTATTT 603
Db 16 TGGCTAATTTATAT 1

RESULT 960
US-10-091-281-319
Sequence 319, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERMIN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 319
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative MYOD/E47.02 motif
US-10-091-281-319

Query Match 1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 869 GATACAGGCTGAGC 884

Db 1 GATACAGGCTGAGC 16

RESULT 961
US-10-092-885-9/c
Sequence 9, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-9

Query Match 1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1051 TGGCACCACCCGCGC 1066
Db 16 TGGCACCACACCGCGC 1

RESULT 962
US-10-092-885-23/c
Sequence 23, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 23
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-23

Query Match 1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 689 GCCTCCGCGGTTCAAG 704
Db 16 GCCTCCGCGGTTCAAG 1

RESULT 963
US-10-092-885-45/c
Sequence 45, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:

```
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; TITLE OF INVENTION: LIBRARIES OF CDNAS
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 45
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-45

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      396 TGGATTACAGCGGTG 411
DB      16 TGGATTACGCGGTG 1

RESULT 964
US-10-092-885-55/c
; Sequence 55, Application US/10092885
; Publication No. US2003019061A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; TITLE OF INVENTION: LIBRARIES OF CDNAS
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-55

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      778 TTTTAGAGAGATGGG 793
DB      16 TTTTAGAGAGCGGG 1

RESULT 965
US-10-317-444-455/c
; Sequence 455, Application US/10317444
; Publication No. US20030235837A1
; GENERAL INFORMATION:
; APPLICANT: Keim, Paul
; APPLICANT: Keys, Christine
; TITLE OF INVENTION: High resolution typing system for pathogenic E. coli
; FILE REFERENCE: NAU2020US
; CURRENT APPLICATION NUMBER: US/10/317,444
; CURRENT FILING DATE: 2002-12-11
; PRIOR APPLICATION NUMBER: US 60/339,687
; PRIOR FILING DATE: 2001-12-11
; NUMBER OF SEQ ID NOS: 560
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 457
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli O157:H7 EDL933
US-10-317-444-457

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      428 TTTTATTTATTTT 443
DB      16 TTTTATTTATTTAT 1

RESULT 966
US-10-317-444-456
; Sequence 456, Application US/10317444
; Publication No. US20030235837A1
; GENERAL INFORMATION:
; APPLICANT: Keim, Paul
; APPLICANT: Keys, Christine
; TITLE OF INVENTION: High resolution typing system for pathogenic E. coli
; FILE REFERENCE: NAU2020US
; CURRENT APPLICATION NUMBER: US/10/317,444
; CURRENT FILING DATE: 2002-12-11
; PRIOR APPLICATION NUMBER: US 60/339,687
; PRIOR FILING DATE: 2001-12-11
; NUMBER OF SEQ ID NOS: 560
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 456
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli O157:H7 Sakai
US-10-317-444-456

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      428 TTTTATTTATTTT 443
DB      1 TTTTATTTATTTAT 16

RESULT 967
US-10-317-444-457/c
; Sequence 457, Application US/10317444
; Publication No. US20030235837A1
; GENERAL INFORMATION:
; APPLICANT: Keim, Paul
; APPLICANT: Keys, Christine
; TITLE OF INVENTION: High resolution typing system for pathogenic E. coli
; FILE REFERENCE: NAU2020US
; CURRENT APPLICATION NUMBER: US/10/317,444
; CURRENT FILING DATE: 2002-12-11
; PRIOR APPLICATION NUMBER: US 60/339,687
; PRIOR FILING DATE: 2001-12-11
; NUMBER OF SEQ ID NOS: 560
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 457
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli O157:H7 EDL933
US-10-317-444-457

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      428 TTTTATTTATTTT 443
DB      1 TTTTATTTATTTAT 16
```

```
Db      16 TTTTATTTTATTTAT 1
;
; RESULT 968
; US-10-317-444-458
; Sequence 458, Application US/10317444
; Publication No. US20030235837A1
; GENERAL INFORMATION:
; APPLICANT: Keim, Paul
; APPLICANT: Keys, Christine
; TITLE OF INVENTION: High resolution typing system for pathogenic E. coli
; FILE REFERENCE: N4U2020US
; CURRENT APPLICATION NUMBER: US/10/317,444
; CURRENT FILING DATE: 2002-12-11
; PRIOR APPLICATION NUMBER: US 60/339,687
; PRIOR FILING DATE: 2001-12-11
; NUMBER OF SEQ ID NOS: 560
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 458
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Escherichia coli O157:H7 EDL933
; US-10-317-444-458

Query Match      1.5%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 443
;
; Db      1 TTTTATTTTATTTAT 16
;
; RESULT 969
; US-09-864-785-333
; Sequence 333, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 333
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; US-09-864-785-333

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      711 TCCTGCCCCAGCCTCC 726
;
; Db      2 UCCUGCCCCAGCCTCC 17
;
; RESULT 970
; US-09-864-785-334
; Sequence 334, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 334
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; US-09-864-785-334

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      711 TCCTGCCCCAGCCTCC 726
;
; Db      1 UCCUGCCCCAGCCTCC 16
;
; RESULT 971
; US-10-156-306-538
; Sequence 538, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 538
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-538

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.1e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      678 CTGCAACCTCTGCTCC 693
;
; Db      1 CUGCAACUUCUGCCTCC 16
;
; RESULT 972
; US-10-156-306-545
; Sequence 545, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 545
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
```

US-10-156-306-545

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.1e+02;
Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 702 AACTATTCCTCCGCC 717
|||:|:|:|:|:|:|
DB 1 AAGUAGUUCUCCUGCC 16

RESULT 973

US-10-156-306-555
; Sequence 555, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 555
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-555

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 7.1e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 1066 CTAATTTTGTATTTT 1081
|||:|:|:|:|:|:|
DB 2 CUAUUGUGUGUUU 17

RESULT 974

US-10-156-306-556
; Sequence 556, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 556
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-556

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 7.1e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 1066 CTAATTTTGTATTTT 1081
|||:|:|:|:|:|:|
DB 1 CUAUUGUGUGUUU 16

RESULT 975

US-10-156-306-566
; Sequence 566, Application US/10156306
; Publication No. US20030119017A1

; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 566
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-566

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 797 CACCATGTCGCCAGG 812
|||:|:|:|:|:|:|
DB 1 CACCAUGUGGCCAG 16

RESULT 976

US-10-156-306-1670
; Sequence 1670, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1670
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1670

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.1e+02;
Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 1006 GATTCCTGCTCTCAG 1021
|||:|:|:|:|:|:|
DB 2 GAUUCUCCUGCCUCCAG 17

RESULT 977

US-10-156-306-1697
; Sequence 1697, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1697
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1697

```
Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      1109 GTCAGCTGCTCTCAA 1124
      |||||:||||:||||
Db      2 GCCAGCGUGGUCUCA 17

RESULT 978
US-10-156-306-2389
; Sequence 2389, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2389
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2389

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.1e+02;
Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

Qy      935 CTCGTACCAGGCT 950
      ||:|:|:|||||:
Db      2 CUCUGUGCCAGGCU 17

RESULT 979
US-10-156-306-2392
; Sequence 2392, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2392
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2392

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      948 GCTGAGTGCATGCG 963
      ||:|:|:||||:|
Db      1 GCUGAGUGCAUUGAC 16

RESULT 980
US-10-156-306-2414
; Sequence 2414, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2414
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2414

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      369 TCACCTGCTCAGCC 384
      :|||:|:|:|
Db      2 UCCACUGCCUGCGCC 17

RESULT 981
US-10-156-306-2888
; Sequence 2888, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2888
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2888

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy      1124 AACTCTGACCTCAGG 1139
      |||:|:|:|:|
Db      1 AACUCUGACCUCAAG 16

RESULT 982
US-10-156-306-3780
; Sequence 3780, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MSHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3780
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3780
```

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 7.1e+02;
Matches 10; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 665 CATCTTGCTCACTG 680
||:|||||:
DB 2 CAGUCUGGUCACUG 17

RESULT 983
US-10-156-306-3791
; Sequence 3791, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3791
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3791

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.1e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 197 CCATGTTGTCAGGCT 212
||:|||||:
DB 2 CCAUGUGGCCAGGCU 17

RESULT 984
US-10-255-434-3/c
; Sequence 3, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic Oligomer sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-3

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 882 AGCCACCAAGCCCGGC 897
|||||||:
DB 17 AGCCACCAAGCCCGGC 2

RESULT 985
US-10-238-700-682
; Sequence 682, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 682
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-682

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.1e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 655 TGCAGTGGCGCAATCT 670
||:|||||:
DB 2 UGCAGUGGCCCAUCU 17

RESULT 986
US-10-238-700-691
; Sequence 691, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 691
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-691

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 7.1e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 997 GGCTCAAGCATTCCTC 1012
||:|||||:
DB 2 GGUCACAGCAUUCUC 17

RESULT 987
US-10-238-700-692
; Sequence 692, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James

```

; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 692
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-238-700-692

```

Query Match	1.5%	Score 14.4;	DB 1;	Length 17;
Best Local Similarity	62.5%;	Pred. No. 7.1e+02;		
Matches 10;	Conservative 5;	Mismatches 1;	Indels 0;	Gaps 0;

```

QY      1000 TCAGCGATTCTCCTG 1015
          : |||||:::| :|
Db       2   UCACGCGAUCUCGUG 17

```

```

RESULT 988
US-10-238-700-700
; Sequence 700, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 700
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-238-700-700

```

Query Match	1.5%;	Score 14.4;	DB 1;	Length 17;
Best Local Similarity	75.0%;	Pred. No. 7.1e+02;		
Matches	12;	Conservative	3;	Mismatches 1, Indels 0, Gaps 0;
QY	869	GATTACAGCGCGTGAAC	884	
Db	1	GAUUDACAGCGCGUGGUC	16	

RESULT 989
US-10-238-700-712
Sequence 712, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238, 700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/318,471
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666

```

; SOFTWARE: PatentIn version 3.0
; SEQ_ID NO 712
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-712

```

Query Match	1.5%;	Score 14.4;	DB 1;	Length 17;
Best Local Similarity	75.0%;	Pred. No. 7.1e+02;		
Matches 12; Conservative	3;	Mismatches 1;	Indels 0;	Gaps 0;

```

QY      1087 GAGCGGGGTTTCACC 1102
          ||| |||||:::|||
Db      1 GAGACGGGGUUTCACC 16

```

```

RESULT 990
US-10-238-700-719
; Sequence 719, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve
; FILE REFERENCE: 400/057 (MEH801-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 719
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-238-700-719

```

```

Query Match      1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 7.1e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      1124 AACTCCGAGACTGAG 1139
      |||:|:|:|:|:|:|
Db       1 AACUUCUGACUCCAG 16

```

QY 1124 AACCTCGACCTCAGG 1139
 Db 1 AACUCCUGACUCCAG 16

RESULT 991
 US-10-339-7993-252/C
 ; Sequence 252, Application US/1033997
 ; Publication No. US20030180764A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lytx Therapeutics, Inc

```

1  TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
2  FILE REFERENCE: 37-000310US
3  CURRENT APPLICATION NUMBER: US/10/339,793
4  CURRENT FILING DATE: 2003-01-08
5  NUMBER OF SEQ ID NOS: 443
6  SOFTWARE: Patentin version 3.1
7  SEQ ID NO 252
8  LENGTH: 17
9  TYPE: DNA
10 ORGANISM: Homo sapiens
11 1S-10-339-793-252

```

Query Match	1.5%	Score 14.4;	DB 1;	Length 17;
Best Local Similarity	93.8%;	Pred. No. 7.1e+02;		
Matches 15; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;

480 GTGCAGTGGTGTGATC 495

Db 16 GTGACGCTGCTGATC 1

RESULT 992
US-10-428-275-355/c
Sequence 355, Application US/10469277
Publication No. US2004067505A1
GENERAL INFORMATION:
APPLICANT: Alvarez et al.
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-585
CURRENT APPLICATION NUMBER: US/10/428,275
CURRENT FILING DATE: 2003-05-01
PRIOR APPLICATION NUMBER: 09/96545
PRIOR FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 09/544511
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/128514
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: 09/569269
PRIOR FILING DATE: 2000-05-11
PRIOR APPLICATION NUMBER: 60/134315
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/619252
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 09/789390
PRIOR FILING DATE: 2001-02-23
PRIOR APPLICATION NUMBER: 60/185548
PRIOR FILING DATE: 2000-02-25
NUMBER OF SEQ ID NOS: 450
SOFTWARE: CuiSeqlist version 0.1
SEQ ID NO 355
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-428-275-355

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 369 TCCACCTGCTCAGCC 384
Db 16 TCCACCTGCTCAGCC 1

RESULT 993
US-10-469-277-3
Sequence 3, Application US/10469277
Publication No. US20040170996A1
GENERAL INFORMATION:
APPLICANT: Yee, Leland
APPLICANT: Tang, Jianming
APPLICANT: Kaslow, Richard A.
APPLICANT: van Leeuwen, Dirk J.
TITLE OF INVENTION: CYTOTOXIC T-LYMPHOCYTE ANTIGEN-4 OR INTERLEUKIN-10 POLYMORPHISMS
TITLE OF INVENTION: AS PREDICTORS OF RESPONSE TO THERAPEUTIC INTERVENTION
FILE REFERENCE: UAB-19302/22
CURRENT APPLICATION NUMBER: US/10/469,277
CURRENT FILING DATE: 2003-08-27
PRIOR APPLICATION NUMBER: PCT/US02/06207
PRIOR FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/271,811
PRIOR FILING DATE: 2001-02-27
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial

FEATURE:
OTHER INFORMATION: Antisense primer
US-10-469-277-3

Query Match 1.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 CACCAAGCCCGGCTTA 900
Db 1 CACCAAGCCCGGCTTA 16

RESULT 994
US-09-881-012-1/c
Sequence 1, Application US/09881012
Publication No. US20020192655A1
GENERAL INFORMATION:
APPLICANT: Gagne, Edward I.
APPLICANT: Egeand, Janice A.
APPLICANT: Paul, Steven W.
APPLICANT: The Government of the United States of America
APPLICANT: as represented by The Secretary of the
APPLICANT: Department of Health and Human Services
TITLE OF INVENTION: Susceptibility and Resistance Genes for
TITLE OF INVENTION: Bipolar Affective Disorder
FILE REFERENCE: 015280-248110US
CURRENT APPLICATION NUMBER: US/09/881,012
CURRENT FILING DATE: 2001-06-13
PRIOR APPLICATION NUMBER: US/09/175,158
PRIOR FILING DATE: 1998-10-19
PRIOR APPLICATION NUMBER: US 60/062,924
PRIOR FILING DATE: 1997-10-20
NUMBER OF SEQ ID NOS: 240
SOFTWARE: FastSeq for windows Version 3.0
SEQ ID NO 1
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: D68344 forward primer
US-09-881-012-1

Query Match 1.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 639 GTCACCCAGGCTGAG 654
Db 16 GTCACCCAGGCTGAG 1

RESULT 995
US-10-731-739-356/c
Sequence 356, Application US/10731739
Publication No. US20040176582A1
GENERAL INFORMATION:
APPLICANT: Little, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/10/731,739
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23

NUMBER OF SEQ ID NOS: 641
SOFTWARE: PastSeq for Windows Version 4.0
SEQ ID NO 356
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-10-731-739-356

Query Match 1.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 359 GCTCAGAGTCCACC 374
DB 17 GCTCAGAGTCTCTCC 2

RESULT 996
US-10-035-833A-373
Sequence 373, Application US/10035833A
Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuhio
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 373
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens
US-10-035-833A-373

Query Match 1.4%; Score 14.2; DB 1; Length 41;
Best Local Similarity 65.5%; Pred. No. 1e+03;
Matches 19; Conservative 1; Mismatches 9; Indels 0; Gaps 0;

QY 260 AAGGCTAGATACAGACTGGCCACCATG 288
DB 13 AGGAGTTCRAGACCACTGGCCCAACATG 41

RESULT 997
US-10-035-833A-6523
Sequence 6523, Application US/10035833A
Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuhio
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 6523
LENGTH: 41
TYPE: DNA
ORGANISM: Homo sapiens
US-10-035-833A-6523

Query Match 1.4%; Score 14.2; DB 1; Length 41;
Best Local Similarity 65.5%; Pred. No. 1e+03;
Matches 19; Conservative 1; Mismatches 9; Indels 0; Gaps 0;

QY 260 AAGGCTAGATACAGACTGGCCACCATG 288

DB 13 AGGAGTTCRAGACCACTGGCCCAACATG 41

RESULT 998
US-09-179-536B-39/C

Sequence 39, Application US/09179536B
Patent No. US20020042112A1
GENERAL INFORMATION:

APPLICANT: Hubert K ster
David M. Lough
Guobing Xiang

TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320

CORRESPONDENCE ADDRESS:
ADDRESSER: Heller Ehtman White & Mcauliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA

COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/179, 536B

FILING DATE: 26-Oct-1998

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US97/20444

FILING DATE: 06-NOV-1997

APPLICATION NUMBER: 08/947,801

FILING DATE: 08-Oct-97

APPLICATION NUMBER: 08/933,792

FILING DATE: 19-Sep-97

APPLICATION NUMBER: 08/787,639

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/786,988

FILING DATE: 23-Jan-97

APPLICATION NUMBER: 08/746,055

FILING DATE: 06-NO. US20020042112A1-96

APPLICATION NUMBER: 08/746,036

FILING DATE: 06-NO. US20020042112A1-96

APPLICATION NUMBER: 08/744,590

FILING DATE: 06-NO. US20020042112A1-96

APPLICATION NUMBER: 08/744,481

FILING DATE: 06-NO. US20020042112A1-96

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24736-2004B

TELEPHONE: 858-450-8400

TELEFAX: 858-587-5360

INFORMATION FOR SEQ ID NO: 39:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: CDNA

HYPOTHEICAL: NO

ANTI-SENSE: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 39:

Query Match 1.4%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 GAGACAGAGTCTCA 633
 14 GAGACAGAGTCTCA 1

RESULT 999

US-09-263-959-667
 ; Sequence 667, Application US/09263959
 ; Patent No. US20020150891A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hood, Leroy E.
 ; APPLICANT: Kowen, Lee
 ; APPLICANT: Koop, Ben F.
 ; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
 ; NUMBER OF SEQUENCES: 1279
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Seed and Berry LLP
 ; STREET: 6300 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: US
 ; ZIP: 98104-7092
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/263,959
 ; FILING DATE: 05-MAR-1999
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: McMaisters, David D.
 ; REGISTRATION NUMBER: 33,963
 ; REFERENCE/DOCKET NUMBER: 920010.426C2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 622-4900
 ; TELEFAX: (206) 682-6031
 ; INFORMATION FOR SEQ ID NO: 667:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 14 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-263-959-667

Query Match 1.4%; Score 14; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 6.3e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 441
 1 TTTTATTTATTTT 14

RESULT 1000

US-09-739-909-10
 ; Sequence 10, Application US/09739909
 ; Publication No. US20030022163A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mandrekar, Michelle N.
 ; APPLICANT: Tereba, Allan
 ; APPLICANT: Shultz, John W.
 ; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
 ; FILE REFERENCE: US CIP of PRO-104.0
 ; CURRENT APPLICATION NUMBER: US/09/739,909
 ; PRIOR FILING DATE: 2000-12-15
 ; PRIOR APPLICATION NUMBER: 09/358,972
 ; PRIOR FILING DATE: 1999-07-21
 ; PRIOR APPLICATION NUMBER: 09/383,316
 ; PRIOR FILING DATE: 1999-08-25

NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: Patentin Ver. 2.1
 ; SEQ ID NO 10
 ; LENGTH: 14
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-739-909-10

Query Match 1.4%; Score 14; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 6.3e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 649 CTGAGTGCAGTGG 662
 1 CTGAGTGCAGTGG 14

RESULT 1001

US-09-880-727-9/C
 ; Sequence 9, Application US/09880727
 ; Publication No. US20030064364A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Lockhart, David J.
 ; Chee, Mark
 ; Gunderson, Kevin
 ; Chaogiang, Lai
 ; Wodicka, Lisa
 ; Cronin, Maureen T.
 ; Lee, Danny
 ; Tran, Huu M.
 ; Matsuzaki, Hajime
 ; McCall, Glenn H.
 ; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
 ; NUMBER OF SEQUENCES: 32
 ; CORRESPONDENCE ADDRESSES:
 ; ADDRESSEE: Joe Liebeschuetz
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/880,727
 ; FILING DATE: 13-Jun-2001
 ; CLASSIFICATION: <Unknown>
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/882,649
 ; FILING DATE: <Unknown>
 ; APPLICATION NUMBER: US 60/035,170
 ; FILING DATE: 09-JAN-1997
 ; APPLICATION NUMBER: PCT/US97/01603
 ; FILING DATE: 22-JAN-1997
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Liebeschuetz, Joe
 ; REGISTRATION NUMBER: 37,505
 ; REFERENCE/DOCKET NUMBER: 018547-019410US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 576-0200
 ; TELEFAX: (415) 576-0300
 ; INFORMATION FOR SEQ ID NO: 9:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 14 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; HYPOTHETICAL: YES
 ; (1x) Features:

SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-880-727-9

Query Match 1.4%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 441
Db 14 TTTTATTTATTTT 1

RESULT 1002
US-09-297-576A-39/c
Sequence 39, Application US/09297576A
Publication No. US20030129589A1
GENERAL INFORMATION:
APPLICANT: KOSTER, Hubert
APPLICANT: LITTLE, Daniel P.
APPLICANT: BRAUN, Andreas
APPLICANT: LOUGH, David M.
APPLICANT: XIANG, Guobing
APPLICANT: VAN DEN BOOM, Dirk
APPLICANT: JURINKS, Christian
APPLICANT: RUPPERT, Andreas
TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
NUMBER OF SEQUENCES: 320
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McCauliffe
STREET: 4250 Executive Square, 7th floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/297,576A
FILING DATE: 07-Jun-2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-No. US20030129589A1-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8489
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown

MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
US-09-297-576A-39

Query Match 1.4%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 620 GAGACAGAGTCTCA 633
Db 14 GAGACAGAGTCTCA 1

RESULT 1003
US-09-263-959-695
Sequence 695, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: KOOP, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McWasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4800
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 695:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-695
Query Match 1.4%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 441
Db 1 TTTTATTTATTTT 14

RESULT 1004
US-09-263-959-950
Sequence 950, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee

APPLICANT: KOOP, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 950:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-950

Query Match 1.4%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 433 TTTTATTTTTTTT 446
DB 1 TTTTATTTTTTTT 14

RESULT 1005
US-10-091-281-134
Sequence 134, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
APPLICANT: MORISSETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 134
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative ARPI/ARPI.01 motif
US-10-091-281-134

Query Match 1.4%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1124 AACTCTGACCTCA 1137
DB 3 AACTCTGACCTCA 16

RESULT 1006
US-10-156-306-549
Sequence 549, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn Version 3.0
SEQ ID NO 549
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-549

Query Match 1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 7.5e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 724 TCCTGAGTCTGG 737
DB 1 UCCUGAGUGCUGG 14

RESULT 1007
US-10-156-306-575
Sequence 575, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn Version 3.0
SEQ ID NO 575
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-575

Query Match 1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 7.5e+02;
Matches 11; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 394 GCTGGATTACAG 407
DB 1 GCTGGATVACAG 14

RESULT 1008
US-10-602-837-117
Sequence 117, Application US/10602837
Publication No. US20040053310A1
GENERAL INFORMATION:
APPLICANT: Shi, Hua
APPLICANT: Li, John T.
TITLE OF INVENTION: EXHAUSTIVE SELECTION OF RNA APTAMERS AGAINST COMPLEX
FILE REFERENCE: 19603/3921
CURRENT APPLICATION NUMBER: US/10/602,837
CURRENT FILING DATE: 2003-06-24
PRIOR APPLICATION NUMBER: 60/391,255
PRIOR FILING DATE: 2002-06-24

NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Probe
US-10-602-837-17

Query Match 1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 805 TCGCCAGGTGATC 818
Db 4 TCGCCAGGTGATC 17

RESULT 1009
US-10-138-674-6194/c
Sequence 6194, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138, 674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6194
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-6194

Query Match 1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 195 CTCCATGTTGGTCA 208
Db 17 CTCCATGTTGGTCA 4

RESULT 1010
US-10-138-674-6195/c
Sequence 6195, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
FILE REFERENCE: MHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138, 674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6195
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-6195

Query Match 1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 195 CTCCATGTTGGTCA 208
Db 14 CTCCATGTTGGTCA 1

RESULT 1011
US-10-138-674-8504/c
Sequence 8504, Application US/10138674
Publication No. US20040077565A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions F
FILE REFERENCE: MHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138, 674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 8504
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-8504

Query Match 1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 195 CTCCATGTTGGTCA 208
Db 16 CTCCATGTTGGTCA 3

RESULT 1012
US-10-287-949A-6194/c
Sequence 6194, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions F
FILE REFERENCE: MHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287, 949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6194
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-6194

Query Match 1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 195 CTCCATGTTGGTCA 208
Db 17 CTCCATGTTGGTCA 4

```
RESULT 1013
US-10-287-949A-6195/c
; Sequence 6195, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6195
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6195

Query Match          1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      195 CTCGATGTGTGTC 208
DB      14 CTCGATGTGTGTC 1

RESULT 1014
US-10-287-949A-8504/c
; Sequence 8504, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Becobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 8504
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8504

Query Match          1.4%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.5e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      195 CTCGATGTGTGTC 208
DB      16 CTCGATGTGTGTC 3

RESULT 1015
US-10-198-069-34/c
; Sequence 34, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
```

```
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 34
; LENGTH: 42
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-34

Query Match          1.4%; Score 14; DB 1; Length 42;
Best Local Similarity 60.5%; Pred. No. 1e+03;
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY      534 CCTCCTGCTCAGCTCCCAAGTAGCTGGAGCAAGA 571
DB      39 CCTGTAGTCCAGCTACTCAGAGAGCTGGGAGAGAGA 2

RESULT 1016
US-10-198-069-29/c
; Sequence 29, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 29
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-29

Query Match          1.4%; Score 14; DB 1; Length 60;
Best Local Similarity 60.5%; Pred. No. 8.3e+02;
Matches 23; Conservative 0; Mismatches 15; Indels 0; Gaps 0;

QY      534 CCTCCTGCTCAGCTCCCAAGTAGCTGGAGCAAGA 571
DB      57 CCTGTAGTCCAGCTACTCAGAGAGCTGGGAGAGAGA 20

RESULT 1017
US-09-726-096A-5
; Sequence 5, Application US/09726096A
; Publication No. US2001001652A1
; GENERAL INFORMATION:
```

APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Martin A.
TITLE OF INVENTION: Compounds And Intermediates For Synthesis Of Mixed Back
FILE REFERENCE: Oligomeric Compounds
FILE REFERENCE: ISIS4528
CURRENT APPLICATION NUMBER: US/09/726,096A
CURRENT FILING DATE: 2000-11-23
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PatentIn version 3.0
SEQ ID NO 5
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc.feature
OTHER INFORMATION: Oligonucleotide
NAME/KEY: misc.feature
LOCATION: (1)-(19)
OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
OTHER INFORMATION: Internucleoside linkage
US-09-726-096A-5

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 444
Db 1 TTTTATTTTATTTT 17

RESULT 1018

US-09-866-108-6546/c
Sequence 6546, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MCA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263, 6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: A60MCA Sequence Listing Engine
SEQ ID NO 6546
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6546

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 369 TCCACCTGCTCAGCCT 385
Db 17 TCCACCTGCTCAGCCT 1

RESULT 1019

US-09-866-108-6547/c
Sequence 6547, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MCA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263, 6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: A60MCA Sequence Listing Engine
SEQ ID NO 6547
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108-6547

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 368 GTCACCTGCTGAGC 384
Db 17 GTCACCTGCTGAGC 1

RESULT 1020

US-09-866-108-8863/C
Sequence 8863, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: A60MICA Sequence Listing Engine
SEQ ID NO 8863
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-8863

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 197 CCATGTCCTGAGGCTG 213
Db 17 CCATGTCCTGAGGCTG 1

RESULT 1021

US-09-866-108-9424/C
Sequence 9424, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: A60MICA Sequence Listing Engine
SEQ ID NO 9424
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-9424

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 346 GCTGTCCTGAGCTC 362
Db 17 GCTGTCCTGAGCTC 1

RESULT 1022
US-09-866-108-9427/C
Sequence 9427, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wenheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeoica Sequence Listing Engine
; SEQ ID NO 9427
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-9427

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      343 CAACTGCTCTCTCTGAG 359
DB      17 CAGGCTGTCTCTCTGAG 1

RESULT 1023
US-09-827-998-851/c
; Sequence 851, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeoica Sequence Listing Engine
; SEQ ID NO 851
; LENGTH: 17
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; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-851

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      890 CGCCCGGCTTATTTTA 906
DB      17 CGCAGGCTTATCTTA 1

RESULT 1024
US-09-263-959-561
; Sequence 561, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 561:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-561

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTATTTTATTTT 444
DB      1 TTTTATTATTTTATTTAT 17

RESULT 1025
US-09-263-959-744/c
; Sequence 744, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
```

CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 744:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-744

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 429 TTTATTTTATTTT 445
Db 17 TTTATTTTATTTT 1

RESULT 1026
US-09-843-676-132
Sequence 132, Application US/09843676
Patent No. US20020164786A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Hailey, Calvin H.
Andrews, William H.
TITLE OF INVENTION: No. US20020164786A1 Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/843,676
FILING DATE: 26-Apr-2001
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997

APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-09-843-676-132

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTATTTTATTTT 444
Db 1 TTTATTTTATTTT 17

RESULT 1027
US-09-864-785-335
Sequence 335, Application US/09864785
Patent No. US20020177568A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Ken
APPLICANT: McSwigen, Jim
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
FILE REFERENCE: 400/022 (MHB00-812-D)
CURRENT APPLICATION NUMBER: US/09/864,785
CURRENT FILING DATE: 2001-05-23
NUMBER OF SEQ ID NOS: 3929
SOFTWARE: Patent version 3.0
SEQ ID NO 335
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-335

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.7e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 712 CCGCCCCAGCCTCG 728
Db 1 CCGCCCCAGCCTCG 17

RESULT 1028
US-09-766-253-132
Sequence 132, Application US/09766253
Publication No. US20020187471A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.

Morlin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20020187471A1el Telomerase
NUMBER OF SEQUENCES: 171
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/766,253
FILING DATE: 19-Jan-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/846,017
FILING DATE: 1997-04-25
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002920US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-766-253-132
SEQUENCE DESCRIPTION: SEQ ID NO: 132:

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 428 TTTTATTTTATTTT 444
Db 1 TTTTATTTTATTTT 17

RESULT 1029
US-09-438-486-132
Sequence 132, Application US/09438486
Publication No. US20030009019A1
GENERAL INFORMATION:
APPLICANT: Cecch, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morlin, Gregg B.
APPLICANT: Harley, Calvin
APPLICANT: Andrews, William H.
TITLE OF INVENTION: No. US20030009019A1el Telomerase
NUMBER OF SEQUENCES: 223
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111-3834
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/438,486
FILING DATE: 12-NOV-1999
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002931US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-438-486-132.

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 428 TTTTATTTTATTTT 444
Db 1 TTTTATTTTATTTT 17

RESULT 1030
US-09-961-077-884
Sequence 884, Application US/09961077
Publication No. US20030014775A1
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent B.
APPLICANT: McSwigen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

```
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961.077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 884:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 884:
US-09-961-077-884
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Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 5.9%; Pred. No. 7.7e+02;
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;
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Qy 427 TTTTATTATTATTTT 443
Db 1 UUUUUUUUUUUUUU 17
```

```
RESULT 1031
US-09-961-077-885
Sequence 885, Application US/09961077
Publication No. US20030014775A1
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
Edington, Brent E.
MCSwigen, James A.
Merlo, Patricia Ann Owens
Guo, Lining
Skokut, Thomas A.
Young, Scott A.
Folkerts, Otto
Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
Storage
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COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961.077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 885:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 885:
US-09-961-077-885
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```
Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 5.9%; Pred. No. 7.7e+02;
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;
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```
Qy 428 TTTTATTATTATTTT 444
Db 1 UUUUUUUUUUUUUU 17
```

```
RESULT 1032
US-09-730-289B-171
Sequence 171, Application US/09730289B
Publication No. US20030050259A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: Blact, Larry
APPLICANT: MCSwigen, Jim
TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
FILE REFERENCE: MBH00-864-A (400/006)
CURRENT FILING DATE: 2000-12-05
PRIOR APPLICATION NUMBER: US 60/169,100
PRIOR FILING DATE: 1999-12-06
NUMBER OF SEQ ID NOS: 3897
SOFTWARE: PatentIn version 3.0
SEQ ID NO 171
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-730-289B-171
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Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 7.7e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;
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```
Qy 604 TTTTATTATTATTTT 620
Db 1 UUUUUUUUUUUUUU 17
```

```
RESULT 1033
US-09-730-289B-1070/C
```

```
; Sequence 1070, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US/09/730,289B
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1070
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-1070

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      187 TGGAGTTCTCCAGCTT 203
DB      17 TGGACTTCTCCAGCAT 1
      |||||
RESULT 1034
US-09-780-533A-89
; Sequence 89, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowitra, Bharat
; APPLICANT: Haebertli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NCO Gene
; FILE REFERENCE: MHB00-878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 89
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-89

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 7.7e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY      1009 TCTCCTGTCGAGCTC 1025
DB      1 UCUCUCUCUCAGCGCC 17
      :|:|:|:|:|:|:|:|:|
RESULT 1035
US-09-780-533A-237/C
; Sequence 237, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowitra, Bharat
; APPLICANT: Haebertli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NCO Gene
```

```
; FILE REFERENCE: MHB00-878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 237
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-237

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTATTTTATTTT 444
DB      17 TTTCTCTATTTT 1
      |||||
RESULT 1036
US-09-780-533A-891
; Sequence 891, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowitra, Bharat
; APPLICANT: Haebertli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NCO Gene
; FILE REFERENCE: MHB00-878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 891
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-891

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.7e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      241 CCTCGTCTCGGCTCC 257
DB      1 CTUCGCGCGCGCCUCC 17
      ||:|:|:|:|:|:|:|:|
RESULT 1037
US-09-780-533A-892
; Sequence 892, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Chowitra, Bharat
; APPLICANT: Haebertli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NCO Gene
; FILE REFERENCE: MHB00-878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
```

SEQ ID NO 892
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-533A-892

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.7e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 242 CTCGCTCGGCTCC 258
1 CTCGCGCCGCCGCC 17

RESULT 1038
US-09-927-046-439/c
Sequence 439, Application US/09927046
Publication No. US20030064946A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc
APPLICANT: MCSwigen, Jim
APPLICANT: Thompson, Jim
APPLICANT: McKenzie, Tim
APPLICANT: Ayers, Dave
APPLICANT: Grupe, Andrew
TITLE OF INVENTION: Method and Reagent for the Inhibition of Calcium Activated Chloro
FILE REFERENCE: 249/021
CURRENT APPLICATION NUMBER: US/09/927,046
CURRENT FILING DATE: 2001-08-09
NUMBER OF SEQ ID NOS: 5450
SOFTWARE: PatentIn version 3.0
SEQ ID NO 439
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-927-046-439

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 520 CTGAGATCAAGATCCT 536
Db 17 CTGAGATCAAGATCCT 1

RESULT 1039
US-09-848-754A-542/c
Sequence 542, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MHB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 542
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-848-754A-542

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 520 CTGAGATCAAGATCCT 536

Db 17 CTGAGATCAAGATCCT 1

RESULT 1040
US-09-848-754A-1340/c
Sequence 1340, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MHB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1340
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-848-754A-1340

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 709 TCTCTGCCCCAGCCTC 725
Db 17 TCTCTGCCCCAGCCTC 1

RESULT 1041
US-09-848-754A-1508
Sequence 1508, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
FILE REFERENCE: MHB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1508
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-848-754A-1508

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.7e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 373 CCGCTCAAGCTCCCA 389
Db 1 CCGCTCAAGCTCCCA 17

RESULT 1042
US-09-848-754A-1849/c
Sequence 1849, Application US/09848754A
Publication No. US20030073207A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
FILE REFERENCE: MHB00-958-1 (400/018)
CURRENT APPLICATION NUMBER: US/09/848,754A
CURRENT FILING DATE: 2001-05-03
NUMBER OF SEQ ID NOS: 9645
SOFTWARE: PatentIn version 3.0

SEQ ID NO 1849
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-848-754A-1849

Query Match 1.4% Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 521 TGAGTCAAGCATCTCC 537
Db 17 TGAATCAGCATCTCC 1

RESULT 1043
US-09-827-395A-728/c
Sequence 728, Application US/09827395A
Publication No. US20030113891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Lawrence Blatt
APPLICANT: James McSwiggen
APPLICANT: Bharat Chowitra
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor C
FILE REFERENCE: MHB00-878-C (400/017)
CURRENT FILING DATE: 2001-04-05
PRIOR APPLICATION NUMBER: US/09/827,395A
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 2617
SOFTWARE: PatentIn version 3.0
SEQ ID NO 728
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-827-395A-728

Query Match 1.4% Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 339 TGCCCAAGCTGCTCC 355
Db 17 TGCCGAAGCTGCTCTC 1

RESULT 1044
US-09-792-818-368
Sequence 368, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlowitz, Ira
APPLICANT: McSwiggen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
FILE REFERENCE: MHB00-901-A (400/013)
CURRENT FILING DATE: US/09/792,818
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: PatentIn version 3.0
SEQ ID NO 368
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-792-818-368

Query Match 1.4% Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.7e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 371 CACCTGCTCAGCTCC 387
Db 1 CACCACTCAGCCTCC 17

RESULT 1045
US-10-208-357-23/c
Sequence 23, Application US/10208357
Publication No. US20020182687A1
GENERAL INFORMATION:
APPLICANT: Kurz, Markus
APPLICANT: Lohse, Peter
APPLICANT: Wagner, Richard
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT FILING DATE: US/10/208,357
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 23
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-23

Query Match 1.4% Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 428 TTTTATTTTATTTT 444
Db 17 TTTTATTTTATTTT 1

RESULT 1046
US-10-053-758-132
Sequence 132, Application US/10053758
Publication No. US20030032075A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20030032075A1el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/053,758
FILING DATE: 18-Jan-2002

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CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-053-758-132

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7,7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 444
Db      1 TTTTATTTTATTTT 17

RESULT 1047
US-10-054-295-132
; Sequence 132, Application US/10054295
; Publication No. US20030044953A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
;           Lingner, Joachim
;           Nakamura, Toru
;           Chapman, Karen B.
;           Morin, Gregg B.
;           Harley, Calvin
;           Andrews, William H.
; TITLE OF INVENTION: No. US20030044953A1e1 Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/054,295
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/854,050
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419

```

```

FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-054-295-132

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7,7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 444
Db      1 TTTTATTTTATTTT 17

RESULT 1048
US-10-117-267-5
; Sequence 5, Application US/10117267
; Publication No. US20030045698A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
;           Maier, Ph.D., Martin A.
; TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Bac-
; FILE REFERENCE: ISIS-5039
; CURRENT APPLICATION NUMBER: US/10/117,267
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 09/726,096
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 09/250,075
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent version 3.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
; OTHER INFORMATION: Internucleoside linkage
; US-10-117-267-5

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7,7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 444
Db      1 TTTTATTTTATTTT 17

RESULT 1049
US-10-060-756A-486/c
; Sequence 486, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:

```

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APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
FILE REFERENCE: PB0177
CURRENT APPLICATION NUMBER: US/10/060,756A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/327,898
PRIOR FILING DATE: 2001-10-09
NUMBER OF SEQ ID NOS: 4804
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 486
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-060-756A-486

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Query Match 1.4% Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

Qy 1047 CACCTGCCACCCACCC 1063
Db 17 CACCTGCCACCCACCC 1

```

```

RESULT 1050
US-10-054-611-132
Sequence 132, Application US/10054611
Publication No. US20030059787A1
GENERAL INFORMATION:
APPLICANT: Cecchi, Thomas R.
Inguener, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. US20030059787A1 Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/054,611
FILING DATE: 18-Jan-2002
CLASSIFICATION: 356
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/854,050
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997

```

```

APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-054-611-132

```

```

Query Match 1.4% Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

Qy 428 TTTTATTTTATTTT 444
Db 1 TTTTATTTTATTTT 17

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RESULT 1051
US-10-156-306-471
Sequence 471, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: McSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
FILE REFERENCE: MEB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 471
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-471

```

```

Query Match 1.4% Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 7.7e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 764 TAAATTTTGTATTT 780
Db 1 UAAUUUUUACUAAUUU 17

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```

RESULT 1052
US-10-156-306-472
Sequence 472, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
McSwigen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MEB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 472

```

LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-472

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 7.7e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 765 AATTTTGTGTAATTTT 761
||:||||:|:||||:
Db 1 AAUUUUUACUAAUUUU 17

RESULT 1053
US-10-156-306-517
Sequence 517, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 517
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-517

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 5.9%; Pred. No. 7.7e+02;
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 429 TTTATTTTATTTTATTTT 445
:::|:::|:||||:
Db 1 UUUUUUUUUUUUUUUUU 17

RESULT 1054
US-10-156-306-526
Sequence 526, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 526
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-526

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 7.7e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

QY 433 TTTATTTTATTTTATTTT 449
:::|:::|:||||:
Db 1 UUUUUUUUUUUUUUUUU 17

RESULT 1055

US-10-156-306-527
Sequence 527, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 527
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-527

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 7.7e+02;
Matches 5; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

QY 434 TTTATTTTATTTTATTTT 450
:::|:::|:||||:
Db 1 UUUUUUUUUUUUUUUUU 17

RESULT 1056
US-10-156-306-528
Sequence 528, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 528
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-528

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 7.7e+02;
Matches 6; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY 435 TTTATTTTATTTTATTTT 451
:::|:::|:||||:
Db 1 UUUUUUUUUUUUUUUUU 17

RESULT 1057
US-10-156-306-534
Sequence 534, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 534
LENGTH: 17

ORGANISM: Homo sapiens
US-10-156-306-565

```
Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.7e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;
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```
Qy      1091 CGGGGTTTCACCATATT 1107
          |||::|||: ::
Db       1 CAGGGUUUCACCAUGUU 17
```

RESULT 1063

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US-10-156-306-572
: Sequence 572, Application US/10156306
: Publication No. US20030119017A1
: GENERAL INFORMATION:
: APPLICANT: Ribosysteme Pharmaceuticals, Inc.
: APPLICANT: McSaugen, James
: TITLE OF INVENTION: Enzymatic Nucleic Acti
: TITLE OF INVENTION: Levels of IKK-Gamma
: FILE REFERENCE: MBH01-664-A (400/050)
: CURRENT APPLICATION NUMBER: US/10/156, 306
: CURRENT FILING DATE: 2002-05-28
: NUMBER OF SEQ ID NOS: 8013
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO. 572
: LENGTH: 17
: TYPE: RNA
: ORGANISM: Homo sapiens
US-10-156-306-572

```

Query Match	1.4%;	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	76.5%;	Pred. No. 7.7e+02;		
Matches 13;	Conservative 2;	Mismatches 2;	Indels 0;	Gaps 0;

QY 362 CAAGCAGTCCACTGCC 378
||| : ||| : |||
Db 1 CAAGTAAUCCACCTGCC 17

```

RESULT 1064
US-10-156-306-576
; Sequence 576, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 576
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-576

```

Query Match	1.4;	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	64.7%;	Pred. No. 7.7e+02;		
Matches 11; Conservative	4;	Mismatches 2;	Indels 0;	Gaps 0

```

QY      395 CTGGATTACAGCGTG 411
          |||||:|||||:|
Db      1  CUGGAUUA CAGGAUG 17

```

RESULT 1065
US-10-156-306-1650
; Sequence 1650, Application US/10156306

Publication No. US20030119017A1

```

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McGwigen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28

```

Query Match	1.4%	Score 13.8	DB 1	Length 17
Best Local Similarity	52.9%	Pred. No. 7	7e+02	
Matches	9	Conservative	6	Mismatches 2
				Indels 0
				Gaps 0

Qy	930	TCTACTCTGTTACCA	946
		: : : : :	
Db	1	UCUCGUCUGUUGCCA	17

```

RESULT 1066
US-10-156-306-1667
; Sequence 1667, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OR INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCES: MEMB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1667
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1667

```

Query Match	1.4%	Score	13.8	DB	1	Length	17
Best Local Similarity	58.8%	Pred. No.	7.7e+02				
Matches	10	Conservative	5	Mismatches	2	Indels	0
						Gaps	0

QY 686 TCTGCCCTCCCGGTTCA 702
:|:|:|:|:|:|:|:|:|
Db 1 UCUGCCUCUUGGUCU 17

```

RESULT 1067
US-10-156-306-1669
; Sequence 1669, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Mcswigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1669
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

```

US-10-156-306-1669

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 7.7e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 703 AGTATTCCTCGGCC 719
||:||||:|||||
Db 1 AGUGAUCUCGCCUC 17

RESULT 1068

US-10-156-306-1681
; Sequence 1681, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1681
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1681

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 871 TTACAGGGGTGAGCCAC 887
::|||||:|||||
Db 1 UUACAGGCAUGGCCAC 17

RESULT 1069

US-10-156-306-1690
; Sequence 1690, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1690
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1690

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.7e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 1059 CACCCCGCTATTGTTG 1075
|||||:|||||
Db 1 CACCCACUAUUUUUG 17

RESULT 1070
US-10-156-306-1693
; Sequence 1693, Application US/10156306
; Publication No. US20030119017A1

;; GENERAL INFORMATION:
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.
;; APPLICANT: McSwigen, James

;; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
;; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
;; FILE REFERENCE: MBH01-664-A (400/050)
;; CURRENT APPLICATION NUMBER: US/10/156,306
;; CURRENT FILING DATE: 2002-05-28
;; NUMBER OF SEQ ID NOS: 8013
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 1693
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-10-156-306-1693

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 7.7e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 792 GGGTTCACCATGTCGC 808
||:|||||:|||||
Db 1 GGUUCCACCAUGUGGCC 17

RESULT 1071

US-10-156-306-1694
; Sequence 1694, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1694
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1694

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.7e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 191 GTTCTCCATGTTGTC 207
||:|||||:|||||
Db 1 GUUCCACCAUGUGGCC 17

RESULT 1072

US-10-156-306-1706
; Sequence 1706, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1706
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1706

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 7.7e+02;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
Qy 931 CTCACCTGTACCAG 947
||:||||:||||
Db 1 CUCGCUCUGGCCAG 17

RESULT 1078
US-10-156-306-2403
; Sequence 2403, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2403
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2403

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;
Qy 869 GATTACAGCGGTAGCC 885
||:||||:||||
Db 1 GAUUAAGACGAGUGCC 17

RESULT 1079
US-10-156-306-2406
; Sequence 2406, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2406
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2406

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 23.5%; Pred. No. 7.7e+02;
Matches 4; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
Qy 1067 TAAATTTTGTATTTCA 1083
:||||:||||
Db 1 UAUUUUUUGUGUUUUA 17

RESULT 1080
US-10-156-306-2419
; Sequence 2419, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2419
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2419

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 881 GAGCCACCGCCCGCC 897
||:||||:||||
Db 1 GAGCCACCGCCCGCCAG 17

RESULT 1081
US-10-156-306-2877
; Sequence 2877, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2877
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2877

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 7.7e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;
Qy 615 TTTTGACAGACTCT 631
||:||||:||||
Db 1 UUUUAAAGACGAGUCU 17

RESULT 1082
US-10-156-306-2889
; Sequence 2889, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2889
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2889

Query Match 1.4%; Score 13.8; DB 1; Length 17;

Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 868 CGATTACAGCGCTGAGC 884
||:|||||:|
Db 1 GGAUACAGGAGUAGGC 17

RESULT 1088
US-10-156-306-3789
; Sequence 3789, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3789
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3789

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 7.7e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 317 TGAACAGCGCTTTCAC 333
:|:|||||:|
Db 1 UAAAGACAGGGUUCAC 17

RESULT 1089
US-10-156-306-3799
; Sequence 3799, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3799
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3799

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 868 GGATTACAGCGCTGAGC 884
||:|||||:|
Db 1 GGAUACAGGAGUAGGC 17

RESULT 1090
US-10-156-306-3800
; Sequence 3800, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate

; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3800
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3800

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 869 GATTACAGCGCTGAGCC 885
||:|||||:|
Db 1 GAUACAGGAGUAGGCC 17

RESULT 1091
US-10-156-306-3801
; Sequence 3801, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3801
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3801

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 870 ATTACAGCGCTGAGCCA 886
||:|||||:|
Db 1 AUAACAGGAGUAGCCA 17

RESULT 1092
US-10-156-306-7075
; Sequence 7075, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7075

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 7.7e+02;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

```
QY      469 CCCAGCATGAGTGCAG 485
      |||||
      1 CCCAGGAUGAAGGCGUC 17

RESULT 1093
US-10-238-700-681
; Sequence 681, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 681
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-681

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.7e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      651 GGAAGTCAGTGGCGCAA 667
      |||||
      1 GGAAGTCAGTGGCGCCA 17

RESULT 1094
US-10-238-700-932/c
; Sequence 932, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 932
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-932

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      160 TAATTGTATTTT 176
      |||||
      17 TAATTAGCTTTT 1

RESULT 1095
US-10-339-782-317/c
; Sequence 317, Application US/10339782
; Publication No. US2003016026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: US 60/318,471
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 317
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-317

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      224 CCCGACCTCAGATGATC 240
      |||||
      17 CCGACCTCAGGTGATC 1

RESULT 1096
US-10-339-793-23/c
; Sequence 23, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: US 60/318,471
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-23

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      479 AGTCAGTGGTGTATC 495
      |||||
      17 AGTCAGTGGCGGTATC 1

RESULT 1097
US-10-339-793-75/c
; Sequence 75, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: US 60/318,471
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 75
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-75
```

US-10-339-793-75

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 479 AGTGCAGTGGTGTATC 495
|||||
DB 17 AGTGCAGTGGTGTATC 1

RESULT 1098
US-10-338-777-217/c
; Sequence 217, Application US/10338777
; Publication No. US20030188343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-000510US
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 217
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-217

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 802 TGTTCGCGAGGTGTATC 818
|||||
DB 17 TGTTCGCGAGGTGTATC 1

RESULT 1099
US-10-091-281-118
; Sequence 118, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: ST, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 118
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative XBBP/RFX1.01 motif
US-10-091-281-118

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 670 TTGGCTACTGCAACTT 686
|||||
DB 1 TTGGCTACTGCAACTT 17

RESULT 1100
US-10-430-882-728/c

; Sequence 728, Application US/10430882
; Publication No. US20030203870A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggan
; APPLICANT: Bharat Chowdria
; APPLICANT: Peter Haeblerli

; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-H (400/112)
; CURRENT APPLICATION NUMBER: US/10/430,882
; CURRENT FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 09/827,395
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: PCT/US01/04273
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: PCT/US02/10512
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 728
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-430-882-728

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 339 TGCCGAGCTGTCTCC 355
|||||
DB 17 TGCCGAGCTGTCTCC 1

RESULT 1101
US-10-291-808-63
; Sequence 63, Application US/10291808
; Publication No. US20030224382A1
; GENERAL INFORMATION:
; APPLICANT: McCelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/10/291,808
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US/09/300,958
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-291-808-63

Query Match 1.4%; Score 13.8; DB 1; Length 17;

Best Local Similarity 88.2%; Pred. No. 7.7e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2;

Qy 766 ATTTTGTATTTTTA 782
Db 1 ATTTTGTATTTTTTTA 17

RESULT 1102
US-10-457-839-28/c
; Sequence 28, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Scholl, Thomas
; APPLICANT: Hendrickson, Brent C
; APPLICANT: Ward, Benjamin
; APPLICANT: Pruss, Dmitry
; TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
; FILE REFERENCE: 3002.03
; CURRENT APPLICATION NUMBER: US/10/457,839
; PRIOR FILING DATE: 2003-06-09
; PRIOR APPLICATION NUMBER: 60/387,132
; PRIOR FILING DATE: 2002-06-07
; PRIOR APPLICATION NUMBER: 60/402,430
; PRIOR FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 28
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-28

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 671 TGGCTCACTGCAACCTC 687
Db 17 TGGCTCACTGAAACCTC 1

RESULT 1103
US-10-455-552-19
; Sequence 19, Application US/10455552
; Publication No. US2004001853A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdon, Maria
; APPLICANT: Roch, Richard
; APPLICANT: Denisenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; PRIOR FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Extension Oligonucleotide
US-10-455-552-19

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 731 TAGCTGGAGCTACAGGC 747
Db 1 TAGCTGGAGCTACAGAC 17

RESULT 1104
US-10-675-685-851/c
; Sequence 851, Application US/10675685
; Publication No. US20040063134A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: PB0114
; CURRENT APPLICATION NUMBER: US/10/675,685
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 851
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-675-685-851

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 890 CGCCCGCTTATTTTTA 906
Db 17 CGCCAGCTTATTCTTA 1

RESULT 1105
US-10-138-674-1074
; Sequence 1074, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: MCSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; PRIOR FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1074

Query Match 1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 5.9%; Pred. No. 7.7e+02;
Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

Qy 426 CTTTATTATTATTTT 442
Db 1 CUUUUUUUUUUUUUUU 17

RESULT 1106
US-10-138-674-1347

```
; Sequence 1347, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1347
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1347

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 7.7e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY      902 TTTTAAATTTTGTGTTGT 918
Db      1 UUCACUUUUUGUUUGUU 17

RESULT 1107
US-10-138-674-1348
; Sequence 1348, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1348
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1348

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 7.7e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY      903 TTTTAAATTTTGTGTTGT 919
Db      1 UUCACUUUUUGUUUGUU 17

RESULT 1108
US-10-138-674-1349
; Sequence 1349, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
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; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1349
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1349

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 7.7e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY      904 TTTTAAATTTTGTGTTGT 920
Db      1 UUCACUUUUUGUUUGUU 17

RESULT 1109
US-10-138-674-4780
; Sequence 4780, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEBB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4780
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-4780

Query Match          1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      574 TGCACCACTACACCTCG 590
Db      1 UGCAGCACUACACACUGG 17

RESULT 1110
US-10-324-409B-16/c
; Sequence 16, Application US/10324409B
; Publication No. US20040086880A1
; GENERAL INFORMATION:
; APPLICANT: Sampson, et al.
; TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
; TITLE OF INVENTION: Secondary Structure
; FILE REFERENCE: 2003309-0028
; CURRENT APPLICATION NUMBER: US/10/324,409B
; CURRENT FILING DATE: 2002-12-18
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Anneal Primer
US-10-324-409B-16
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Query Match 1.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 7.7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 428 TTTTATTTATTTT 444
 17 TTTTATTTTATTTT 1

RESULT 1111
 US-10-287-949A-1074
 ; Sequence 1074, Application US/10287949A
 ; Publication No. US20040102389A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwigen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MHB00-876-N (400/049)
 ; CURRENT APPLICATION NUMBER: US/10/287,949A
 ; CURRENT FILING DATE: 2003-04-11
 ; NUMBER OF SEQ ID NOS: 20822
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1074
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-287-949A-1074

Query Match 1.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 5.9%; Pred. No. 7.7e+02;
 Matches 1; Conservative 14; Mismatches 2; Indels 0; Gaps 0;

QY 426 CTTTATTTATTTT 442
 1 CUUUUUUUUUUUUUU 17

RESULT 1112
 US-10-287-949A-1347
 ; Sequence 1347, Application US/10287949A
 ; Publication No. US20040102389A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwigen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MHB00-876-N (400/049)
 ; CURRENT APPLICATION NUMBER: US/10/287,949A
 ; CURRENT FILING DATE: 2003-04-11
 ; NUMBER OF SEQ ID NOS: 20822
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1347
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-287-949A-1347

Query Match 1.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 17.6%; Pred. No. 7.7e+02;
 Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 902 TTTTATTTTGTGTTG 918
 1 UUCACUUUUUUUUUUU 17

RESULT 1113
 US-10-287-949A-1348
 ; Sequence 1348, Application US/10287949A
 ; Publication No. US20040102389A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwigen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MHB00-876-N (400/049)
 ; CURRENT APPLICATION NUMBER: US/10/287,949A
 ; CURRENT FILING DATE: 2003-04-11
 ; NUMBER OF SEQ ID NOS: 20822
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1348
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-287-949A-1348

Query Match 1.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 17.6%; Pred. No. 7.7e+02;
 Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 903 TTTTATTTTGTGTTG 919
 1 UUCACUUUUUUUUUUU 17

RESULT 1114
 US-10-287-949A-1349
 ; Sequence 1349, Application US/10287949A
 ; Publication No. US20040102389A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwigen, Jim
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Escobedo, Jaime
 ; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
 ; FILE REFERENCE: MHB00-876-N (400/049)
 ; CURRENT APPLICATION NUMBER: US/10/287,949A
 ; CURRENT FILING DATE: 2003-04-11
 ; NUMBER OF SEQ ID NOS: 20822
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1349
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-287-949A-1349

Query Match 1.4%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 17.6%; Pred. No. 7.7e+02;
 Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 904 TTTTATTTTGTGTTG 920
 1 UUCACUUUUUUUUUUU 17

RESULT 1115
 US-10-287-949A-4780
 ; Sequence 4780, Application US/10287949A
 ; Publication No. US20040102389A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyne Pharmaceuticals, Inc.
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: McSwigen, Jim

```
;; APPLICANT: Stinchcomb, Dan
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
;; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
;; FILE REFERENCE: MBH00-876-N (400/049)
;; CURRENT APPLICATION NUMBER: US/10/287,949A
;; NUMBER OF SEQ ID NOS: 20822
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 4780
;; LENGTH: 17
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-10-287-949A-4780

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 7.7e+02;
Matches 12; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY      574 TGCACCTACACCTGG 590
Db      1 UGCAGCACUACACAUUG 17

RESULT 1116
US-10-723-361-6546/c
; Sequence 6546, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6546
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6546

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      369 TCCACCTGCTCAGCCT 385
Db      17 TCCACCTGCCCCAGCCT 1

RESULT 1117
US-10-723-361-6547/c
; Sequence 6547, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART P
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6547
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6547

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      368 GTCACCTGCTCAGCC 384
Db      17 GTCACCTGCCCCAGCCT 1

RESULT 1118
US-10-723-361-8863/c
; Sequence 8863, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
```

```

; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8863
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8863

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Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

QY      197 CCAGTGTGTCGAGCTG 213
Db      17 CCATCTGATCAGGCTG 1

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```

RESULT 1119
US-10-723-361-9424/c
; Sequence 9424, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665

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```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9424
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-9424

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```

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

QY      346 GCTGTCTCTGAGCTC 362
Db      17 GCTGTCTCTGAGCTC 1

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RESULT 1120
US-10-723-361-9427/c
; Sequence 9427, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9427
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-9427

```

```

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

QY      343 CAAGCTGTCTCTGAG 359
Db      17 CAGCTGTCTCTGAG 1

```

```
RESULT 1121
US-10-735-592-8
; Sequence 8, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPB Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-8

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 86.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 444
Db      1 TTTTATTTTATTTT 17

RESULT 1122
US-10-735-592-46/c
; Sequence 46, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPB Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 46
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-46

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 86.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      433 TTTTATTTTATTTT 449
Db      17 TTTTATTTTATTTT 17

RESULT 1123
US-10-735-592-49
; Sequence 49, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPB Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
```

```
NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-49

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 0.0%; Pred. No. 7.7e+02;
Matches 0; Conservative 15; Mismatches 2; Indels 0; Gaps 0;

QY      428 TTTTATTTTATTTT 444
Db      1 UUUUUUUUUUUUUUU 17

RESULT 1124
US-10-731-739-255/c
; Sequence 255, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR FILING DATE: 1999-01-13
; PRIOR FILING DATE: 1998-01-13
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 255
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-255

Query Match      1.4%; Score 13.8; DB 1; Length 17;
Best Local Similarity 86.2%; Pred. No. 7.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      994 CCGGCTCAAGCGATTC 1010
Db      17 CTGGCTCAAGCGATTC 1

RESULT 1125
US-10-731-739-530
; Sequence 530, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731,739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
```

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; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 530
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-530

Query Match
Best Local Similarity 1.4%; Score 13.8; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 996 GGGCTCAGCGATTCTC 1012
DB 1 GCGCTCAGCGATTCTC 17

RESULT 1126
US-10-241-151-2
; Sequence 2, Application US/10241151
; Publication No. US20030144799A1
; GENERAL INFORMATION:
; APPLICANT: International Genomics, Inc.
; TITLE OF INVENTION: Single Nucleotide Polymorphisms and Methods Therefor
; FILE REFERENCE: 8549-000002/US
; CURRENT APPLICATION NUMBER: US/10/241,151
; CURRENT FILING DATE: 2002-09-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 61
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-241-151-2

Query Match
Best Local Similarity 1.4%; Score 13.8; DB 1; Length 61;
Matches 24; Conservative 1; Mismatches 18; Indels 0; Gaps 0;

QY 384 CTCCTCAAGTCTGGATTACAGGCGTGCAGCCGCTGCGCC 426
DB 19 CTGCACTGAGCTGAGATCCGCCACTGCACTCCAGCCTGGGC 61

RESULT 1127
US-10-733-116-2
; Sequence 2, Application US/10733116
; Publication No. US20040126800A1
; GENERAL INFORMATION:
; APPLICANT: International Genomics, Inc.
; APPLICANT: Nowotny, Volker
; TITLE OF INVENTION: Single Nucleotide Polymorphisms and Methods Therefor
; FILE REFERENCE: 8549-000002/US
; CURRENT APPLICATION NUMBER: US/10/733,116
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 61
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-733-116-2

Query Match
Best Local Similarity 1.4%; Score 13.8; DB 1; Length 61;
Matches 24; Conservative 1; Mismatches 18; Indels 0; Gaps 0;
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```
QY 384 CTCCTCAAGTCTGGATTACAGGCGTGCAGCCGCTGCGCC 426
DB 19 CTGCACTGAGCTGAGATCCGCCACTGCACTCCAGCCTGGGC 61

RESULT 1128
US-10-453-827-207
; Sequence 207, Application US/10453827
; Publication No. US20040033582A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0211 NP
; CURRENT APPLICATION NUMBER: US/10/453,827
; CURRENT FILING DATE: 2003-06-03
; PRIOR APPLICATION NUMBER: U.S. 60/384,980
; PRIOR FILING DATE: 2002-06-03
; NUMBER OF SEQ ID NOS: 1219
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 207
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-453-827-207

Query Match
Best Local Similarity 1.4%; Score 13.6; DB 1; Length 41;
Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 481 TGCAGTGTGTGATCAGCTGCTGCTGCA 508
DB 2 TGCAGTGTGATGAGATCGCCCACTGCA 29

RESULT 1129
US-10-010-802-4/c
; Sequence 4, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genalsance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
; FILE REFERENCE: MMH-0002US2 114R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-4

Query Match
Best Local Similarity 1.4%; Score 13.4; DB 1; Length 15;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 653 AGTCAGTGGCGCA 667
DB 15 AGTCAGTGGTGC 1

RESULT 1130
US-10-010-802-83
; Sequence 83, Application US/10010802
```

```

; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isoforms: Polymorphisms in the Interleukin
; FILE REFERENCE: MMH-0002US2 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 83
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-83

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      647 GGCTGAGTGCAGTG 661
Db      1 GGCTGAGTGCAGCG 15

RESULT 1131
US-10-091-281-127/C
; Sequence 127, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 127
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative TBP/TATA.01 motif
US-10-091-281-127

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      589 GGCTAATTTTATTT 603
Db      15 GGCTAATTTTATAT 1

RESULT 1132
US-10-091-281-357/C
; Sequence 357, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
```

```

; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 357
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative HNF4/HNF4.02 motif
US-10-091-281-357

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      828 GGACCTGTGATCTG 842
Db      15 GGACCTGTGCATCTG 1

RESULT 1133
US-10-160-388-23/C
; Sequence 23, Application US/10160388
; Publication No. US20040072161A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals, Inc.
; APPLICANT: Monroe, Glen
; APPLICANT: Bieglecki, Karyn
; APPLICANT: Sanchis, Angela
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE F2RL1 GENE
; FILE REFERENCE: F2RL1 MMH-1785US
; CURRENT APPLICATION NUMBER: US/10/160,388
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: PCT/US01/46475
; PRIOR FILING DATE: 2001-11-13
; PRIOR APPLICATION NUMBER: 60/247,516
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-160-388-23

Query Match      1.4%; Score 13.4; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 7.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      635 CTCGTGACCCAGGC 649
Db      15 CCGTGTACCCAGGC 1

RESULT 1134
US-09-784-423-127/C
; Sequence 127, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
```

COUNTRY: U.S.A.
ZIP: 53711-5399
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 MB
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: <unknown>
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998
ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026,9180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275
INFORMATION FOR SEQ ID NO: 127
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 127
US-09-784-423-127

Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 651 GGAGTCAGTCGCGC 665
DB 15 GAGTCAGTCGCGC 1

RESULT 1135
US-09-829-855-171
; Sequence 171, Application US/09829855
; Patent No. US20020065609A1
; GENERAL INFORMATION:
; APPLICANT: Matthew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 171
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Desulfobacter curvatus
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (11)..(11)
; OTHER INFORMATION: A, G, C or T
US-09-829-855-171

Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 333 CTGATGTGCCCACT 348
DB 1 CTGCTGTGCCCACT 16

RESULT 1136
US-10-098-939-6/c
; Sequence 6, Application US/10098939
; Publication No. US20030092157A1
; GENERAL INFORMATION:
; APPLICANT: Singaraja, Roshni
; TITLE OF INVENTION: Compositions, Screening Systems, and Methods for Modulating HDL
; FILE REFERENCE: 760050-62
; CURRENT APPLICATION NUMBER: US/10/098,939
; PRIOR FILING DATE: 2002-08-08
; PRIOR APPLICATION NUMBER: US/60/276,387
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-939-6

Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 227 GACCTCAGTGATCC 241
DB 15 GACCTCAGTGATCC 1

RESULT 1137
US-10-098-939-9/c
; Sequence 9, Application US/10098939
; Publication No. US20030092157A1
; GENERAL INFORMATION:
; APPLICANT: Singaraja, Roshni
; APPLICANT: Hayden, Michael
; TITLE OF INVENTION: Compositions, Screening Systems, and Methods for Modulating HDL
; FILE REFERENCE: 760050-62
; CURRENT APPLICATION NUMBER: US/10/098,939
; PRIOR FILING DATE: 2002-08-08
; PRIOR APPLICATION NUMBER: US/60/276,387
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-939-9

Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 227 GACCTCAGTGATCC 241
DB 15 GACCTCAGTGATCC 1

RESULT 1138
US-10-164-915-3/c
; Sequence 3, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salatsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1
; FILE REFERENCE: 11100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915

CURRENT FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: 60/253,862
PRIOR FILING DATE: 2000-11-29
PRIOR APPLICATION NUMBER: 60/260,249
PRIOR FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: 60/265,775
PRIOR FILING DATE: 2001-02-01
PRIOR APPLICATION NUMBER: 60/278,941
PRIOR FILING DATE: 2001-01-27
NUMBER OF SEQ ID NOS: 6
SEQ ID NO 3
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure for
US-10-164-915-3

Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 767 TTTTGTGATTTT 781
Db 16 TTTTGTGATTTT 2

RESULT 1139

US-10-084-839-2988/c
Sequence 2988, Application US/10084839
Publication No. US20030186238a1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Allawi, Hatim
APPLICANT: Argue, Brad T.
APPLICANT: Bartholomay, Christian T.
APPLICANT: Chenak, LuAnne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: IP, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lyamicheva, Natalie E.
APPLICANT: Ma, WuBo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2988
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-2988

Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 721 GCCTCTGAGTAGCT 735
Db 15 GCCTCTGAGTAGTT 1

RESULT 1140

US-10-092-885-24/c
Sequence 24, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 24
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-24

Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 673 GCTCACTGCAACCTC 687
Db 16 GTTCACTGCAACCTC 2

RESULT 1141

US-10-092-885-25/c
Sequence 25, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 25
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-25

Query Match 1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 690 CCTCCGGGTTCAAG 704
Db 15 CCTCTGGGTTCAAG 1

RESULT 1142
US-10-092-885-26/c

```

; Sequence 26, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-26

```

```

Query Match      1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      673 GCTCACTGCAACCTC 687
DB      16 GATCACTGCAACCTC 2

```

```

RESULT 1143
US-10-092-885-37/c
; Sequence 37, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-37

```

```

Query Match      1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      690 CCTCCCGGGTTCAAG 704
DB      15 CCTCCTGGGTTCAAG 1

```

```

RESULT 1144
US-10-092-885-38/c
; Sequence 38, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG

```

```

; TITLE OF INVENTION: LIBRARIES OF CDNAS
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-38

```

```

Query Match      1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      673 GCTCACTGCAACCTC 687
DB      16 GATCACTGCAACCTC 2

```

```

RESULT 1145
US-10-092-885-39/c
; Sequence 39, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-39

```

```

Query Match      1.4%; Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      690 CCTCCCGGGTTCAAG 704
DB      15 CCTCCTGGGTTCAAG 1

```

```

RESULT 1146
US-10-092-885-51/c
; Sequence 51, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 51
; LENGTH: 16
; TYPE: DNA

```

ORGANISM: Homo sapiens
US-10-092-885-51

Query Match 1.4% Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 690 CCTCCCGGCTTCAG 704
DB 16 CCTCCAGGTTCAAG 2

RESULT 1147
US-10-138-674-6097
Sequence 6097, Application US/10138674
Publication No. US2004007565A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/138,674
CURRENT FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6097
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-10-138-674-6097

Query Match 1.4% Score 13.4; DB 1; Length 16;
Best Local Similarity 20.0%; Pred. No. 7.7e+02;
Matches 3; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTGTGTTGTA 922
DB 2 UUUUGUUUUUA 16

RESULT 1148
US-10-287-949A-6097
Sequence 6097, Application US/10287949A
Publication No. US20040102389A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.
APPLICANT: McSwigen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
FILE REFERENCE: MHB00-876-N (400/049)
CURRENT APPLICATION NUMBER: US/10/287,949A
CURRENT FILING DATE: 2003-04-11
NUMBER OF SEQ ID NOS: 20822
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6097
LENGTH: 16
TYPE: RNA
ORGANISM: Homo sapiens
US-10-287-949A-6097

Query Match 1.4% Score 13.4; DB 1; Length 16;
Best Local Similarity 20.0%; Pred. No. 7.7e+02;
Matches 3; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTGTGTTGTA 922
DB 2 UUUUGUUUUUA 16

DB 2 UUUUGUUUUUA 16

RESULT 1149
US-10-607-077A-171
Sequence 171, Application US/10607077A
Publication No. US20040110183A1
GENERAL INFORMATION:
APPLICANT: Ashby, Matthew
TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
FILE REFERENCE: ASHBY/1 DIV
CURRENT APPLICATION NUMBER: US/10/607,077A
CURRENT FILING DATE: 2003-06-25
PRIOR APPLICATION NUMBER: US 09/829855
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: PCT/US01/11609
PRIOR FILING DATE: 2001-04-10
PRIOR APPLICATION NUMBER: US 60/196063
PRIOR FILING DATE: 2000-04-10
PRIOR APPLICATION NUMBER: US 60/196258
PRIOR FILING DATE: 2000-04-11
NUMBER OF SEQ ID NOS: 244
SOFTWARE: PatentIn version 3.1
SEQ ID NO 171
LENGTH: 16
TYPE: DNA
ORGANISM: Desulfobacter curvatus
FEATURE:
NAME/KEY: misc feature
LOCATION: (11)-(11)
OTHER INFORMATION: A, G, C or T
US-10-607-077A-171

Query Match 1.4% Score 13.4; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 7.7e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 333 CTGATGCCCCAGCT 348
DB 1 CTGCTGTCCNAGCT 16

RESULT 1150
US-10-731-739-549
Sequence 549, Application US/10731739
Publication No. US20040176582A1
GENERAL INFORMATION:
APPLICANT: Carilli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 032796-013
CURRENT APPLICATION NUMBER: US/10/731,739
CURRENT FILING DATE: 2003-12-10
PRIOR APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 549
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-731-739-549

Query Match 1.4% Score 13.4; DB 1; Length 16;
Best Local Similarity 93.3%; Pred. No. 7.7e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 642 ACCCAGCTGAGTG 656
 1 ACCCAGCTGAGTG 15

RESULT 1151

US-09-263-959-520/c
 ; Sequence 520, Application US/09263959
 ; Patent No. US20020150891A1

GENERAL INFORMATION:
 ; APPLICANT: Hood, Leroy E.
 ; APPLICANT: Rowen, Lee
 ; APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
 ; NUMBER OF SEQUENCES: 1279
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSER: Seed and Berry LLP
 ; STREET: 6300 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: US
 ; ZIP: 98104-7092

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/263,959
 ; FILING DATE: 05-MAR-1999
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: McMaisters, David D.
 ; REGISTRATION NUMBER: 33,963
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 622-4900
 ; TELEFAX: (206) 682-6031
 ; INFORMATION FOR SEQ ID NO: 520:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 13 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-263-959-520

Query Match 1.3%; Score 13; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 6.8e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 429 TTTATTTATTTT 441
 13 TTTATTTATTTT 1

RESULT 1152

US-10-339-738-6
 ; Sequence 6, Application US/10339738
 ; Publication No. US20040180339A1

GENERAL INFORMATION:
 ; APPLICANT: Pries, Michael F.
 ; APPLICANT: Safari, Bahman
 ; APPLICANT: Safari, Bahman

TITLE OF INVENTION: ISOLATION AND CHARACTERIZATION OF ECAL,
 ; TITLE OF INVENTION: A GENE OVEREXPRESSED IN ENDOMETRIOID CARCINOMAS OF OVARY AND
 ; TITLE OF INVENTION: ENDOMETRIUM
 ; FILE REFERENCE: 13761-0758
 ; CURRENT APPLICATION NUMBER: US/10/339,738
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 6

Query Match 1.3%; Score 13; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 6.8e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 429 TTTATTTATTTT 441
 13 TTTATTTATTTT 1

RESULT 1153

US-09-263-959-416/c
 ; Sequence 416, Application US/09263959
 ; Patent No. US20020150891A1

GENERAL INFORMATION:
 ; APPLICANT: Hood, Leroy E.
 ; APPLICANT: Rowen, Lee
 ; APPLICANT: Koop, Ben F.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
 ; NUMBER OF SEQUENCES: 1279
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSER: Seed and Berry LLP
 ; STREET: 6300 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: US
 ; ZIP: 98104-7092

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/263,959
 ; FILING DATE: 05-MAR-1999
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: McMaisters, David D.
 ; REGISTRATION NUMBER: 33,963
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (206) 622-4900
 ; TELEFAX: (206) 682-6031
 ; INFORMATION FOR SEQ ID NO: 416:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 14 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-263-959-416

Query Match 1.3%; Score 13; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 7.2e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 429 TTTATTTATTTT 441
 14 TTTATTTATTTT 2

RESULT 1154

US-10-339-738-6
 ; Sequence 6, Application US/10339738
 ; Publication No. US20040180339A1

GENERAL INFORMATION:
 ; APPLICANT: Pries, Michael F.
 ; APPLICANT: Safari, Bahman
 ; APPLICANT: Safari, Bahman

TITLE OF INVENTION: ISOLATION AND CHARACTERIZATION OF ECAL,
 ; TITLE OF INVENTION: A GENE OVEREXPRESSED IN ENDOMETRIOID CARCINOMAS OF OVARY AND
 ; TITLE OF INVENTION: ENDOMETRIUM
 ; FILE REFERENCE: 13761-0758
 ; CURRENT APPLICATION NUMBER: US/10/339,738
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 6

```
RESULT 1154
US-10-287-919-528/c
; Sequence 528, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 528
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (141377)..(141392)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 618
US-10-287-919-528

Query Match      1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      596 TTTTATTTTATT 608
Db      15 TTTTATTTTATT 3

RESULT 1155
US-10-287-919-1982/c
; Sequence 1982, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1982
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1196908)..(1196923)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 2532
US-10-287-919-1982

Query Match      1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 7.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      596 TTTTATTTTATT 608
Db      15 TTTTATTTTATT 3

RESULT 1156
US-10-197-019-27/c
; Sequence 27, Application US/10197019
; Publication No. US20030207284A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Gilson, Christopher Raleigh
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; TITLE OF INVENTION: HAPLOTYPES OF THE UCP2 GENE
```

```
FILE REFERENCE: MMH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02485
; PRIOR FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-197-019-27

Query Match      1.3%; Score 13; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 7.7e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy      356 TGAGCTCAGCAGTC 370
Db      15 TSAGCTCAGCAGTC 1

RESULT 1157
US-09-918-686-102
; Sequence 102, Application US/09918686
; Patent No. US20020076720A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepert, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 102
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-918-686-102

Query Match      1.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      283 ACCATGCCCGGCT 295
Db      1 ACCATGCCCGGCT 13

RESULT 1158
US-10-287-919-1394/c
; Sequence 1394, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1394
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (688700)..(688714)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectorObjectNumber = 173
US-10-287-919-1394
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Query Match 1.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 599 TATTTTATTTT 611
| | | | | | | | | |
| | | | | | | | | |
Db 16 TATTTTATTTT 4

RESULT 1159
US-10-287-919-2413/c
; Sequence 2413, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2413
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1494623)...(1494638)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 3093
US-10-287-919-2413

Query Match 1.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 599 TATTTTATTTT 611
| | | | | | | | | |
| | | | | | | | | |
Db 16 TATTTTATTTT 4

RESULT 1160
US-10-353-150-102
; Sequence 102, Application US/10353150
; Publication No. US20030157543A1
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary E.
; APPLICANT: Piroli, Sean
; APPLICANT: Paepfer, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083.515C1
; CURRENT APPLICATION NUMBER: US/10/353,150
; CURRENT FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 102
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-353-150-102

Query Match 1.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 263 ACCATGCCCGCT 295
| | | | | | | | | |
| | | | | | | | | |
Db 1 ACCATGCCCGCT 13

RESULT 1161
US-10-091-281-135/c

; Sequence 135, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 135
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative T3RH/T3R.01 motif
US-10-091-281-135

Query Match 1.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1125 ACTCCTGACCTCA 1137
| | | | | | | | | |
| | | | | | | | | |
Db 16 ACTCCTGACCTCA 4

RESULT 1162
US-10-091-281-256/c
; Sequence 256, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 256
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative MEF2/MEF2.01 motif
US-10-091-281-256

Query Match 1.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 431 TATTTTATTTT 443
| | | | | | | | | |
| | | | | | | | | |
Db 16 TATTTTATTTT 4

RESULT 1163
US-10-786-720-20368
; Sequence 20368, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeich
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26

```

; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20368
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20368

Query Match      1.3%; Score 13; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 9.9e+02;
Matches 16; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      268 GATACAGACTGCGCCACCATG 288
DB      1 GAGACGACGCTGGCCACCATG 21.

RESULT 1164
US-10-035-833A-1310/c
; Sequence 1310, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1310
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-1310

Query Match      1.3%; Score 13; DB 1; Length 41;
Best Local Similarity 61.3%; Pred. No. 1.1e+03;
Matches 19; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY      452 CAGGTGTCCCACTCTTACCCAGGATGAAGTG 482
DB      40 CAGGAGATCACTTGAACTGGAGGACAGAG 10

RESULT 1165
US-10-035-833A-7567/c
; Sequence 7567, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7567
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-7567

Query Match      1.3%; Score 13; DB 1; Length 41;
Best Local Similarity 61.3%; Pred. No. 1.1e+03;
Matches 19; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY      452 CAGGTGTCCCACTCTTACCCAGGATGAAGTG 482
```

```

DB      40 CAGGAGATCACTTGAACTGGAGGACAGAG 10

RESULT 1166
US-10-035-833A-6019/c
; Sequence 6019, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Sekine, Akihito
; APPLICANT: Iida, Aritoshi
; APPLICANT: Saito, Osamu
; TITLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06904
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6019
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6019

Query Match      1.3%; Score 13; DB 1; Length 41;
Best Local Similarity 61.3%; Pred. No. 1.1e+03;
Matches 19; Conservative 1; Mismatches 11; Indels 0; Gaps 0;

QY      818 CTGATCTCTGACCTTGATCTGCTGCC 848
DB      38 CCGAGTCTGAGAGTCTGACGACGACCTGAC 8

RESULT 1167
US-10-198-069-32/c
; Sequence 32, Application US/10198069
; Publication No. US20030096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 42
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-32

Query Match      1.3%; Score 13; DB 1; Length 42;
Best Local Similarity 65.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY      717 CCCAGCTCTGAGTACTGGAGTACTACG 745
DB      31 CCCAGCTGCTTGGAGGCTGACAGAG 3

RESULT 1168
```

US-10-198-069-31/C
; Sequence 31, Application US/10198069
; Publication No. US2003096756A1
; GENERAL INFORMATION:
; APPLICANT: AVERBACK, PAUL
; TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
; TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
; TITLE OF INVENTION: CELLS
; FILE REFERENCE: 59003.000009
; CURRENT APPLICATION NUMBER: US/10/198,069
; CURRENT FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/306,161
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/306,150
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/331,477
; PRIOR FILING DATE: 2001-11-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 31
; LENGTH: 57
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-198-069-31
Query Match 1.3%; Score 13; DB 1; Length 57;
Best Local Similarity 65.5%; Pred. No. 8.7e+02;
Matches 19; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
QY 717 CCCAGCTCTGAGTACTGGAGCTACG 745
Db 49 CCCAGCTGCTGGAGGCTGAGACAGAG 21
RESULT 1169
US-09-739-928-2
; Sequence 2, Application US/09739928
; Patent No. US20020052482A1
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gampier, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:

NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-739-928-2
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 163 TTTTGATTTT TTTT 178
Db 1 TTTT TTTT TTTT TTTT 16
RESULT 1170
US-09-829-855-36
; Sequence 36, Application US/09829855
; Patent No. US20020065609A1
; GENERAL INFORMATION:
; APPLICANT: Mathew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 36
; LENGTH: 16
; TYPE: DNA
; ORGANISM: unknown
; FEATURE:
; OTHER INFORMATION: unidentified soil organism
US-09-829-855-36
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 333 CTGATGCGCCAGCT 348
Db 1 CTGCTGTCCGAGCT 16
RESULT 1171
US-09-829-855-111
; Sequence 111, Application US/09829855
; Patent No. US20020065609A1
; GENERAL INFORMATION:
; APPLICANT: Mathew, Ashby N.
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY-1
; CURRENT APPLICATION NUMBER: US/09/829,855
; CURRENT FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244

SOFTWARE: PatentIn version 3.1
SEQ ID NO 111
LENGTH: 16
TYPE: DNA
ORGANISM: unknown
FEATURE:
OTHER INFORMATION: unidentified soil organism
US-09-829-855-111

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 333 CTGATGTCCCAAGCT 348
Db 1 CTGCTGTCCGAAGCT 16

RESULT 1172
US-09-152-059-70
Sequence 70, Application US/09152059
Patent No. US2002068708A1
GENERAL INFORMATION:
APPLICANT: NIELSEN, JESPER
APPLICANT: NIELSEN, POU
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
FILE REFERENCE: 49165 (71994)
CURRENT APPLICATION NUMBER: US/09/152,059
PRIOR FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/058,541
PRIOR FILING DATE: 1997-09-12
PRIOR APPLICATION NUMBER: 60/068,293
PRIOR FILING DATE: 1997-12-19
PRIOR APPLICATION NUMBER: 60/071,682
PRIOR FILING DATE: 1998-01-16
PRIOR APPLICATION NUMBER: 60/076,591
PRIOR FILING DATE: 1998-03-03
PRIOR APPLICATION NUMBER: 60/083,507
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/088,309
PRIOR FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/094,355
PRIOR FILING DATE: 1998-07-28
NUMBER OF SEQ ID NOS: 146
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 70
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-70

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTTGATTTTTTTTTT 178
Db 1 TTTTGTGTGTGTGT 16

RESULT 1173
US-09-895-585-9
Sequence 9, Application US/09895585
Publication No. US20020081725A1
GENERAL INFORMATION:
APPLICANT: Teang, Wen-Ghih
APPLICANT: Zhang, Tianli
APPLICANT: Huang, Chang Jiang
APPLICANT: AmCytex, Inc.
TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,

TITLE OF INVENTION: Intermediate Stage of Development
FILE REFERENCE: 021164-000100US
CURRENT APPLICATION NUMBER: US/09/895,585
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: US 60/215,634
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 60/246,306
PRIOR FILING DATE: 2000-11-06
PRIOR APPLICATION NUMBER: US 60/291,787
PRIOR FILING DATE: 2001-05-17
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: oligo-(dT)-16
US-09-895-585-9

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTTGATTTTTTTTTT 178
Db 1 TTTTGTGTGTGTGT 16

RESULT 1174
US-09-805-296D-9
Sequence 9, Application US/09805296D
Patent No. US20020155989A1
GENERAL INFORMATION:
APPLICANT: Active Motif
APPLICANT: Efilmov, Vladimir
APPLICANT: Fernandez, Joseph
APPLICANT: Archdeacon, Dorothy
APPLICANT: Archdeacon, John
APPLICANT: Chakmakcheau, Oksana
APPLICANT: Buryakova, Alla
APPLICANT: Chobov, Mikhail
APPLICANT: Hondorp, Kyle
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF C
FILE REFERENCE: AM102.P.1US
CURRENT APPLICATION NUMBER: US/09/805,296D
CURRENT FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: US 60/189,190
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR FILING DATE: 2000-11-30
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
NAME/KEY: misc feature
OTHER INFORMATION: Synthetic Construct
US-09-805-296D-9

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTTGATTTTTTTTTT 178
Db 1 TTTTGTGTGTGTGT 16

RESULT 1175

US-09-843-676-131/c
; Sequence 131, Application US/09843676
; Patent No. US20020164786A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lininger, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20020164786A1 Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/843,676
; FILING DATE: 26-Apr-2001
; CLASSIFICATION: 536
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-843-676-131
; Query Match 1.3%; Score 12.8; DB 1; Length 16;
; Best Local Similarity 87.5%; Pred. No. 8.3e+02;
; Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 163 TTTTGATTTTTTTT 178
Db 16 TTTT TTTT TTTT TTTT 1

RESULT 1176
US-09-766-253-131/c
; Sequence 131, Application US/09766253
; Publication No. US20020187471A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lininger, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.

Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20020187471A1 Telomerase
; NUMBER OF SEQUENCES: 171
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/766,253
; FILING DATE: 19-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/846,017
; FILING DATE: 1997-04-25
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002920US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-766-253-131
; Query Match 1.3%; Score 12.8; DB 1; Length 16;
; Best Local Similarity 87.5%; Pred. No. 8.3e+02;
; Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 163 TTTTGATTTTTTTT 178
Db 16 TTTT TTTT TTTT TTTT 1

RESULT 1177
US-09-438-486-131/c
; Sequence 131, Application US/09438486
; Publication No. US2003009019A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lininger, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US2003009019A1 Telomerase
; NUMBER OF SEQUENCES: 223
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/438,486
FILING DATE: 12-NOV-1999
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002931US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
FAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-438-486-131
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```
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 163 TTTTGATTTTTTTT 178
Db 16 TTTTGTGCTGATGATC 1
```

```
RESULT 1178
US-09-896-324B-54/c
Sequence 54, Application US/09896324B
Publication No. US20030148276A1
GENERAL INFORMATION:
APPLICANT: Li, Bi-Yu
TITLE OF INVENTION: METHOD FOR IDENTIFICATION, SEPARATION AND QUANTITATIVE MEASUREMENTS
FILE REFERENCE: 45163-1008
CURRENT APPLICATION NUMBER: US/09/896,324B
CURRENT FILING DATE: 2002-11-04
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.1
SEQ ID NO 54
LENGTH: 16
TYPE: DNA
ORGANISM: CD18-Beau I-ca
US-09-896-324B-54
```

```
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 480 GTGCAGTGTGATGATC 495
Db 16 GTGCAGTGTGATGATC 1
```

```
RESULT 1179
US-10-208-357-22/c
Sequence 22, Application US/10208357
Publication No. US20020182687A1
GENERAL INFORMATION:
APPLICANT: Kurtz, Markus
APPLICANT: Lohnse, Peter
TITLE OF INVENTION: Peptide Acceptor Ligation Methods
FILE REFERENCE: 50036/031002
CURRENT APPLICATION NUMBER: US/10/208,357
CURRENT FILING DATE: 2002-07-30
PRIOR APPLICATION NUMBER: US/09/619,103
PRIOR FILING DATE: 2000-07-19
PRIOR APPLICATION NUMBER: 60/145,834
PRIOR FILING DATE: 1999-07-27
NUMBER OF SEQ ID NOS: 26
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-22
```

```
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy 163 TTTTGATTTTTTTT 178
Db 16 TTTTGTGCTGATGATC 1
```

```
RESULT 1180
US-10-027-632-52613/c
Sequence 52613, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
POLYMORPHISMS IN THE HUMAN GENOME
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 52613
LENGTH: 16
TYPE: DNA
ORGANISM: Human
US-10-027-632-52613
```

```
Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY 352 CTCCTGAGCTCAAGCA 367
 |||||
 Db 16 CTCCTGGGCTCAGGCA 1

RESULT 1181
 US-10-027-632-52631/c
 ; Sequence 52631, Application US/10027632
 ; Publication No. US20030204075A9
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; FILE REFERENCE: 108827.129
 ; CURRENT FILING DATE: 2002-04-30
 ; PRIOR APPLICATION NUMBER: US 60/218,006
 ; PRIOR FILING DATE: 2000-07-12
 ; PRIOR APPLICATION NUMBER: US 60/198,676
 ; PRIOR FILING DATE: 2000-04-20
 ; PRIOR APPLICATION NUMBER: US 60/193,483
 ; PRIOR FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23
 ; PRIOR APPLICATION NUMBER: US 60/156,358
 ; PRIOR FILING DATE: 1999-09-28
 ; PRIOR APPLICATION NUMBER: US 60/146,002
 ; PRIOR FILING DATE: 1999-08-09
 ; NUMBER OF SEQ ID NOS: 325720
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 52631
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Human
 US-10-027-632-52631

Query Match 1.3%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 8.3e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 352 CTCCTGAGCTCAAGCA 367
 |||||
 Db 16 CTCCTGGGCTCAGGCA 1

RESULT 1182
 US-10-027-632-52631/c
 ; Sequence 52631, Application US/10027632
 ; Publication No. US20020198371A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; FILE REFERENCE: 108827.129
 ; CURRENT FILING DATE: 2002-04-30
 ; PRIOR APPLICATION NUMBER: US 60/218,006
 ; PRIOR FILING DATE: 2000-07-12
 ; PRIOR APPLICATION NUMBER: US 60/198,676
 ; PRIOR FILING DATE: 2000-04-20
 ; PRIOR APPLICATION NUMBER: US 60/193,483
 ; PRIOR FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23
 ; PRIOR APPLICATION NUMBER: US 60/156,358
 ; PRIOR FILING DATE: 1999-09-28
 ; PRIOR APPLICATION NUMBER: US 60/146,002
 ; PRIOR FILING DATE: 1999-08-09

NUMBER OF SEQ ID NOS: 325720
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 52631
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Human
 US-10-027-632-52631

Query Match 1.3%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 8.3e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 352 CTCCTGAGCTCAAGCA 367
 |||||
 Db 16 CTCCTGGGCTCAGGCA 1

RESULT 1183
 US-10-027-632-52631/c
 ; Sequence 52631, Application US/10027632
 ; Publication No. US20030204075A9
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; FILE REFERENCE: 108827.129
 ; CURRENT FILING DATE: 2002-04-30
 ; PRIOR APPLICATION NUMBER: US 60/218,006
 ; PRIOR FILING DATE: 2000-07-12
 ; PRIOR APPLICATION NUMBER: US 60/198,676
 ; PRIOR FILING DATE: 2000-04-20
 ; PRIOR APPLICATION NUMBER: US 60/193,483
 ; PRIOR FILING DATE: 2000-03-29
 ; PRIOR APPLICATION NUMBER: US 60/185,218
 ; PRIOR FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/167,363
 ; PRIOR FILING DATE: 1999-11-23
 ; PRIOR APPLICATION NUMBER: US 60/156,358
 ; PRIOR FILING DATE: 1999-09-28
 ; PRIOR APPLICATION NUMBER: US 60/146,002
 ; PRIOR FILING DATE: 1999-08-09
 ; NUMBER OF SEQ ID NOS: 325720
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 52631
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Human
 US-10-027-632-52631

Query Match 1.3%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 8.3e+02;
 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 352 CTCCTGAGCTCAAGCA 367
 |||||
 Db 16 CTCCTGGGCTCAGGCA 1

RESULT 1184
 US-10-027-632-52649/c
 ; Sequence 52649, Application US/10027632
 ; Publication No. US20020198371A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wang, David G.
 ; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
 ; FILE REFERENCE: 108827.129
 ; CURRENT FILING DATE: 2002-04-30
 ; PRIOR APPLICATION NUMBER: US 60/218,006
 ; PRIOR FILING DATE: 2000-07-12
 ; PRIOR APPLICATION NUMBER: US 60/198,676

```

; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52649
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52649

```

```

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Cy 352 CTCCTGAGCTCAGCA 367
Db 16 CTCCTGAGCTCAGCA 1

```

```

RESULT 1185
US-10-027-632-52649/c
; Sequence 52649, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; POLYMORPHISMS IN THE HUMAN GENOME
; FILER REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52649
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-52649

```

```

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Cy 352 CTCCTGAGCTCAGCA 367
Db 16 CTCCTGAGCTCAGCA 1

```

```

RESULT 1186
US-10-053-758-131/c
; Sequence 131, Application US/10053758

```

```

; Publication No. US20030032075A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: NO. US20030032075A1 Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/053,758
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-053-758-131

```

```

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Cy 163 TTTGTAATTTTTTTT 178
Db 16 TTTTATTTTTTTTTT 1

```

```

RESULT 1187
US-10-054-295-131/c
; Sequence 131, Application US/10054295
; Publication No. US20030044953A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.

```

```

RESULT 1186
US-10-053-758-131/c
; Sequence 131, Application US/10053758

```

```

      Harley, Calvin
      Andrews, William H.
      TITLE OF INVENTION: NO. US20030044953A1el Telomerase
      NUMBER OF SEQUENCES: 225
      CORRESPONDENCE ADDRESS:
      ADDRESSEE: Townsend and Townsend and Crew LLP
      STREET: Two Embarcadero Center, 8th Floor
      CITY: San Francisco
      STATE: California
      COUNTRY: United States of America
      ZIP: 94111
      COMPUTER READABLE FORM:
      MEDIUM TYPE: Floppy disk
      COMPUTER: IBM PC compatible
      OPERATING SYSTEM: PC-DOS/MS-DOS
      SOFTWARE: PatentIn Release #1.0, Version #1.30
      CURRENT APPLICATION DATA:
      APPLICATION NUMBER: US/10/054,295
      FILING DATE: 18-Jan-2002
      CLASSIFICATION: 536
      PRIOR APPLICATION DATA:
      APPLICATION NUMBER: 08/654,050
      FILING DATE: <Unknown>
      APPLICATION NUMBER: US 08/846,017
      FILING DATE: 25-APR-1997
      APPLICATION NUMBER: US 08/844,419
      FILING DATE: 18-APR-1997
      APPLICATION NUMBER: US 08/724,643
      FILING DATE: 01-OCT-1996
      ATTORNEY/AGENT INFORMATION:
      NAME: Apple, Randolph T.
      REGISTRATION NUMBER: 36,429
      REFERENCE/DOCKET NUMBER: 015389-002930US.
      TELECOMMUNICATION INFORMATION:
      TELEPHONE: (415) 576-0200
      TELEFAX: (415) 576-0300
      INFORMATION FOR SEQ ID NO: 131:
      SEQUENCE CHARACTERISTICS:
      LENGTH: 16 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
      SEQUENCE DESCRIPTION: SEQ ID NO: 131:
      US-10-054-295-131
      Query Match 1.3%; Score 12.8; DB 1; Length 16;
      Best Local Similarity 87.5%; Pred. No. 8.3e+02;
      Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
      QY 163 TTTTGTATTTTTTTT 178
      DB 16 TTTTTTTTTTTTTTT 1
      RESULT 1188
      US-10-054-611-131/c
      Sequence 131, Application US/10054611
      Publication No. US20030059787A1
      GENERAL INFORMATION:
      APPLICANT: Cech, Thomas R.
      Lingner, Joachim
      Nakamura, Toru
      Chapman, Karen B.
      Morin, Gregg B.
      Harley, Calvin
      Andrews, William H.
      TITLE OF INVENTION: NO. US20030059787A1el Telomerase
      NUMBER OF SEQUENCES: 225
      CORRESPONDENCE ADDRESS:
      ADDRESSEE: Townsend and Townsend and Crew LLP
      STREET: Two Embarcadero Center, 8th Floor
      CITY: San Francisco
      STATE: California

```

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1 COUNTRY: United States of America
2 ZIP: 94111
3
4 COMPUTER READABLE FORM:
5 MEDIUM TYPE: Floppy disk
6 COMPUTER: IBM PC compatible
7 OPERATING SYSTEM: PC-DOS/MS-DOS
8 SOFTWARE: PatentIn Release #1.0, Version #1.30
9
10 CURRENT APPLICATION DATA:
11 APPLICATION NUMBER: US/10/054,611
12 FILING DATE: 18-Jan-2002
13 CLASSIFICATION: 536
14
15 PRIOR APPLICATION DATA:
16 APPLICATION NUMBER: 08/854,050
17 FILING DATE: <unknown>
18 APPLICATION NUMBER: US 08/846,017
19 FILING DATE: 25-APR-1997
20 APPLICATION NUMBER: US 08/844,419
21 FILING DATE: 18-APR-1997
22 APPLICATION NUMBER: US 08/724,643
23 FILING DATE: 01-OCT-1996
24
25 ATTORNEY/AGENT INFORMATION:
26 NAME: Apple, Randolph T.
27 REGISTRATION NUMBER: 36,429
28 REFERENCE/DOCKET NUMBER: 015389-002930US
29 TELECOMMUNICATION INFORMATION:
30 TELEPHONE: (415) 576-0200
31 TELEFAX: (415) 576-0300
32
33 INFORMATION FOR SEQ ID NO: 131:
34
35 SEQUENCE CHARACTERISTICS:
36 LENGTH: 16 base pairs
37 TYPE: nucleic acid
38 STRANDEDNESS: single
39 TOPOLOGY: linear
40
41 SEQUENCE DESCRIPTION: SEQ ID NO: 131:
42
43 US-10-054-611-131
44
45 Query Match 1.3%; Score 12.8; DB 1; Length 16;
46 Best Local Similarity 87.5%; Pred. No. 8.3e+02;
47 Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
48
49 Qy 163 TTTTGATTTTTTTTT 178
50 ||||| ||||| |||||
51 Db 16 TTTTTTTTTTTTTTTT 1
52
53 RESULT 1189 US-10-072-975-9
54 : Sequence 9, Application US/10072975
55 : Publication No. US20030059789A1
56
57 GENERAL INFORMATION:
58 : APPLICANT: Active Motif
59 : APPLICANT: Efimov, Vladimir
60 : APPLICANT: Fernandez, Joseph
61 : APPLICANT: Archdeacon, Dorothy
62 : APPLICANT: Archdeacon, John
63 : APPLICANT: Chakmakhsheu, Oksana
64 : APPLICANT: Buryakova, Alla
65 : APPLICANT: Choob, Mikhail
66 : APPLICANT: Hondorp, Kyle
67 TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF U
68
69 FILE REFERENCE: AM102.P.1.1US
70 CURRENT APPLICATION NUMBER: US/10/072,975
71 CURRENT FILING DATE: 2002-02-09
72 PRIOR APPLICATION NUMBER: US 60/189,190
73 PRIOR FILING DATE: 2000-03-14
74 PRIOR APPLICATION NUMBER: US 60/250,334
75 PRIOR FILING DATE: 2000-11-30
76 PRIOR APPLICATION NUMBER: 09/805,296
77 PRIOR FILING DATE: 2001-03-13
78 PRIOR APPLICATION NUMBER: PCT/US01/0811
79 PRIOR FILING DATE: 2001-03-13
80 NUMBER OF SEQ ID NOS: 36
81
82 SOFTWARE: PatentIn version 3.1

```

```

; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic Construct
US-10-072-975-9

Query Match      1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      163 TTTTGTATTTTATTTT 178
      1 TTTTGTATTTTATTTT 16
      1 TTTTGTATTTTATTTT 16

Db      1 TTTTGTATTTTATTTT 16

RESULT 1190
US-10-287-919-1350
; Sequence 1350, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1350
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (644443)...(644458)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1675
US-10-287-919-1350

Query Match      1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      599 TATTTTATTTTATTTT 614
      1 TATTTTGTCTTTTATTT 16
      1 TATTTTGTCTTTTATTT 16

Db      1 TATTTTGTCTTTTATTT 16

RESULT 1191
US-10-287-919-2293
; Sequence 2293, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2293
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1424659)...(1424675)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 2935
US-10-287-919-2293

Query Match      1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```

Qy      599 TATTTTATTTTATTTT 614
      1 TATTTTGTCTTTTATTT 16
      1 TATTTTGTCTTTTATTT 16

Db      1 TATTTTGTCTTTTATTT 16

RESULT 1192
US-10-227-001-21
; Sequence 21, Application US/10227001
; Publication No. US20030113765A1
; GENERAL INFORMATION:
; APPLICANT: Demcoy, Robert O.
; APPLICANT: Atonina, Irina Alekandrovna
; APPLICANT: Vermeulen, Nicolaas M.J.
; TITLE OF INVENTION: Epoch Biosciences, Inc.
; FILE REFERENCE: Hybridization-Triggered Fluorescent
; FILE REFERENCE: 17682A-004210US
; CURRENT FILING DATE: 2002-08-21
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN
; OTHER INFORMATION: conjugate
US-10-227-001-21

Query Match      1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```

Qy      163 TTTTGTATTTTATTTT 178
      1 TTTTGTATTTTATTTT 16
      1 TTTTGTATTTTATTTT 16

Db      1 TTTTGTATTTTATTTT 16

RESULT 1193
US-10-011-993-29/c
; Sequence 29, Application US/10011993
; Publication No. US20030119004A1
; GENERAL INFORMATION:
; APPLICANT: WENZ, H. MICHAEL
; APPLICANT: SCHROTH, GARY P.
; TITLE OF INVENTION: METHODS FOR QUANTIFYING NUCLEIC ACIDS USING COUPLED
; FILE REFERENCE: 07414.0030-00000
; CURRENT FILING DATE: 2001-12-05
; PRIOR FILING DATE: 2001-05-30
; PRIOR FILING DATE: 2000-11-28
; PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-011-993-29

Query Match      1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
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Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 991 CTCCTGGGCTCAAGCG 1006
 16 CTCGACAGGCTCAAGCG 1

RESULT 1194

US-10-008-029-70
 ; Sequence 70, Application US/10008029
 ; Publication No. US20030134808A1
 ; GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

APPLICANT: NIELSEN, POU

FILE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165-C2(71994)

CURRENT APPLICATION NUMBER: US/10/008,029

CURRENT FILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: 60/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 70

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-10-008-029-70

Query Match 1.3%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGATTTTTTTT 178
 1 TTTTGTGTGTGTGT 16

RESULT 1195

US-10-051-436-9
 ; Sequence 9, Application US/10051436
 ; Publication No. US20030138045A1
 ; GENERAL INFORMATION:

APPLICANT: Active Motif

APPLICANT: Efimov, Vladimir

APPLICANT: Fernandez, Joseph

APPLICANT: Archdeacon, Dorothy

APPLICANT: Chakmakchev, Oksana

APPLICANT: Buraykova, Alla

APPLICANT: Chocob, Mikhail

APPLICANT: Hondorp, Kyle

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE

FILE REFERENCE: AM102.P.1US

CURRENT APPLICATION NUMBER: US/10/051,436

CURRENT FILING DATE: 2002-01-18

PRIOR APPLICATION NUMBER: US 60/189,190

PRIOR FILING DATE: 2000-03-14

PRIOR APPLICATION NUMBER: US 60/250,334

PRIOR FILING DATE: 2000-11-30

NUMBER OF SEQ ID NOS: 18

SOFTWARE: PatentIn version 3.1

SEQ ID NO 9

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

NAME/KEY: misc feature

OTHER INFORMATION: Synthetic Construct

US-10-051-436-9

Query Match 1.3%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGATTTTTTTT 178
 1 TTTTGTGTGTGTGT 16

RESULT 1196

US-10-208-650-70
 ; Sequence 70, Application US/10208650
 ; Publication No. US2003014231A1
 ; GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

APPLICANT: NIELSEN, POU

FILE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165-C2(71994)

CURRENT APPLICATION NUMBER: US/10/208,650

CURRENT FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US/10/008,029

PRIOR FILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: 60/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 70

LENGTH: 16

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-10-208-650-70

Query Match 1.3%; Score 12.8; DB 1; Length 16;
 Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGATTTTTTTT 178
 1 TTTTGTGTGTGTGT 16

RESULT 1197

US-10-203-780-9
; Sequence 9, Application US/10203780
; Publication No. US20030165914A1
; GENERAL INFORMATION:
; APPLICANT: CUZIN, MARC
; APPLICANT: PELTIE, PHILIPPE
; APPLICANT: FONTECAVE, MARC
; APPLICANT: DECOU, JEAN-LUC
; APPLICANT: DUEYRES, CECILE
; TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUOR
; FILE REFERENCE: 226286USOXPCT
; CURRENT APPLICATION NUMBER: US/10/203,780
; PRIOR FILING DATE: 2002-11-25
; PRIOR APPLICATION NUMBER: PCT/FR01/00516
; PRIOR FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: FR 00 02236
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
; NAME/KEY: modified base
; LOCATION: (1)...(1)
; OTHER INFORMATION: t is modified with a covalent linkage to flavin
US-10-203-780-9

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 163 TTTGTATTTT 178
Db 1 TTTT TTTT TTTT 16

RESULT 1198
US-10-236-363A-40/C
; Sequence 40, Application US/10236363A
; Publication No. US20030165923A1
; GENERAL INFORMATION:
; APPLICANT: LI, BI-YU
; APPLICANT: MANG, XUN
; APPLICANT: SHI, LIANG
; TITLE OF INVENTION: METHOD FOR IDENTIFICATION OF GENETIC MARKERS
; FILE REFERENCE: TM0011-CIP
; CURRENT APPLICATION NUMBER: US/10/236,363A
; CURRENT FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: US 09/896,324
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/215,596
; PRIOR FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: adapter oligonucleotide
US-10-236-363A-40

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 480 GTGCGTGTGTGATC 495
|||||

Db 16 GTGCGTGTGTGATC 1
RESULT 1199
US-10-091-281-124/C
; Sequence 124, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERMIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587,338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative AHRH/AHRANT.01 motif
US-10-091-281-124

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 569 AGCATGCACCACTAC 584
Db 16 AGGCAGCAGCACTAC 1

RESULT 1200
US-10-092-885-49/C
; Sequence 49, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 49
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-49

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 209 GGCTGTCTGCACTC 224
Db 16 GGATGTCTGATCTC 1

RESULT 1201
US-10-092-885-54/C
; Sequence 54, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN

```

; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/0026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 54
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-54
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```

Query Match          1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      192 TTCTCCAGTGTGCTC 207
Db      16 TTTCGCATGTGGCC 1
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RESULT 1202
US-10-092-885-58/c
; Sequence 58, Application US/10092885
; Publication No. US20030190618A1
; GENERAL INFORMATION:
; APPLICANT: SAMAL, BABRU
; APPLICANT: LI, YUAN
; APPLICANT: HERMIDA, LEANDRO C.
; APPLICANT: HOPPA, NANCY L.
; APPLICANT: JOHE, KARL K.
; TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
; FILE REFERENCE: 0109015/026
; CURRENT APPLICATION NUMBER: US/10/092,885
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 58
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-092-885-58
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Query Match          1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```

QY      659 GTGGCGCATCTTGGC 674
Db      16 GTGGCGCATCTCGGC 1
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RESULT 1203
US-10-309-775A-71
; Sequence 71, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 71
; LENGTH: 16
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-71
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Query Match          1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```

QY      427 TTTTATTTTATTTT 442
Db      1 TTTTCATTTTGTTTT 16
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RESULT 1204
US-10-360-275-9
; Sequence 9, Application US/10360275
; Publication No. US20040014644A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Choob, Mikhail
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES AND METHODS OF USE FOR MODULATING GENE
; FILE REFERENCE: AM102.P.1.1.1US
; CURRENT APPLICATION NUMBER: US/10/360,275
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 10/072,975
; PRIOR FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic Construct
US-10-360-275-9
```

```

Query Match          1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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QY      163 TTTTGATTTTTTT 178
Db      1 TTTTATTTTATTTT 16
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RESULT 1205
US-10-138-674-5767
; Sequence 5767, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
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;; CURRENT FILING DATE: 2002-05-03
;; NUMBER OF SEQ ID NOS: 20822
;; SOFTWARE: Patentin version 3.0
;; SEQ ID NO 5767
;; LENGTH: 16
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-10-138-674-5767

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 68.8%; Pred. No. 8.3e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 330 TCACGATGTCGCCAA 345
Db 1 UCACAGAUUGCCCAA 16

RESULT 1206
US-10-138-674-6096
; Sequence 6096, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6096
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-6096

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 18.8%; Pred. No. 8.3e+02;
Matches 3; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

OY 903 TTTAATTTTGTGTGT 918
Db 1 UUCACUUUUUUUUUU 16

RESULT 1207
US-10-287-949A-5767
; Sequence 5767, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 5767
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-5767

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 68.8%; Pred. No. 8.3e+02;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

OY 330 TCACGATGTCGCCAA 345
Db 1 UCACAGAUUGCCCAA 16

RESULT 1208
US-10-287-949A-6096
; Sequence 6096, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MHB00-876-N (400/049)
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6096
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-6096

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 18.8%; Pred. No. 8.3e+02;
Matches 3; Conservative 11; Mismatches 2; Indels 0; Gaps 0;

OY 903 TTTAATTTTGTGTGT 918
Db 1 UUCACUUUUUUUUUU 16

RESULT 1209
US-10-607-077A-36
; Sequence 36, Application US/10607077A
; Publication No. US20040110183A1
; GENERAL INFORMATION:
; APPLICANT: Ashby, Matthew
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY/1 DIV
; CURRENT FILING DATE: 2003-06-25
; PRIOR APPLICATION NUMBER: US 09/829855
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: PCT/US01/11609
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 36
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: ribosomal DNA sequence tag isolated from
; OTHER INFORMATION: microbes in soil sample collected
; OTHER INFORMATION: in Wyoming, USA
US-10-607-077A-36

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 333 CTGATGTGCCAAGCT 348
Db 1 CTGCTGTGCCAAGCT 16

RESULT 1210
US-10-607-077A-111
; Sequence 111, Application US/10607077A
; Publication No. US20040110183A1
; GENERAL INFORMATION:
; APPLICANT: Ashby, Matthew
; TITLE OF INVENTION: Methods for the Survey and Genetic Analysis of Populations
; FILE REFERENCE: ASHBY/1 DIV
; CURRENT APPLICATION NUMBER: US/10/607,077A
; CURRENT FILING DATE: 2003-06-25
; PRIOR APPLICATION NUMBER: US 09/829855
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: PCT/US01/11609
; PRIOR FILING DATE: 2001-04-10
; PRIOR APPLICATION NUMBER: US 60/196063
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/196258
; PRIOR FILING DATE: 2000-04-11
; NUMBER OF SEQ ID NOS: 244
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 111
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: ribosomal DNA sequence tag isolated from
; OTHER INFORMATION: microbes in soil sample collected
; OTHER INFORMATION: in Wyoming, USA
US-10-607-077A-111

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 333 CTGATGTGCCAAGCT 348
Db 1 CTGCTGTGCCAAGCT 16

RESULT 1211
US-10-776-099-9
; Sequence 9, Application US/10776099
; Publication No. US20040141957A1
; GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Gih
; APPLICANT: Zheng, Tianli
; APPLICANT: Huang, Chang Jiang
; APPLICANT: Amcyte, Inc
; TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
; TITLE OF INVENTION: Intermediate Stage of Development
; FILE REFERENCE: 021164-000100US
; CURRENT APPLICATION NUMBER: US/10/776,099
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: US/09/895,585
; PRIOR FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: US 60/215,634
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 60/246,306
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: US 60/291,787
; PRIOR FILING DATE: 2001-05-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo-(AT)-16
US-10-776-099-9

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTTT 178
Db 1 TTTTGTATTTTTTTTT 16

RESULT 1212
US-10-398-483-10/c
; Sequence 10, Application US/10398483
; Publication No. US20040166499A1
; GENERAL INFORMATION:
; APPLICANT: Hayashizaki, Yoshinide
; TITLE OF INVENTION: Oligonucleotide linkers comprising a variable cohesive portion at
; FILE REFERENCE: 2870-0247P
; CURRENT APPLICATION NUMBER: US/10/398,483
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence used in the preparation of a full-length cDNA library
US-10-398-483-10

Query Match 1.3%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 8.3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 163 TTTTGTATTTTTTTTT 178
Db 16 TTTTGTATTTTTTTTT 1

Search completed: November 15, 2004, 08:00:17
Job time : 19 secs